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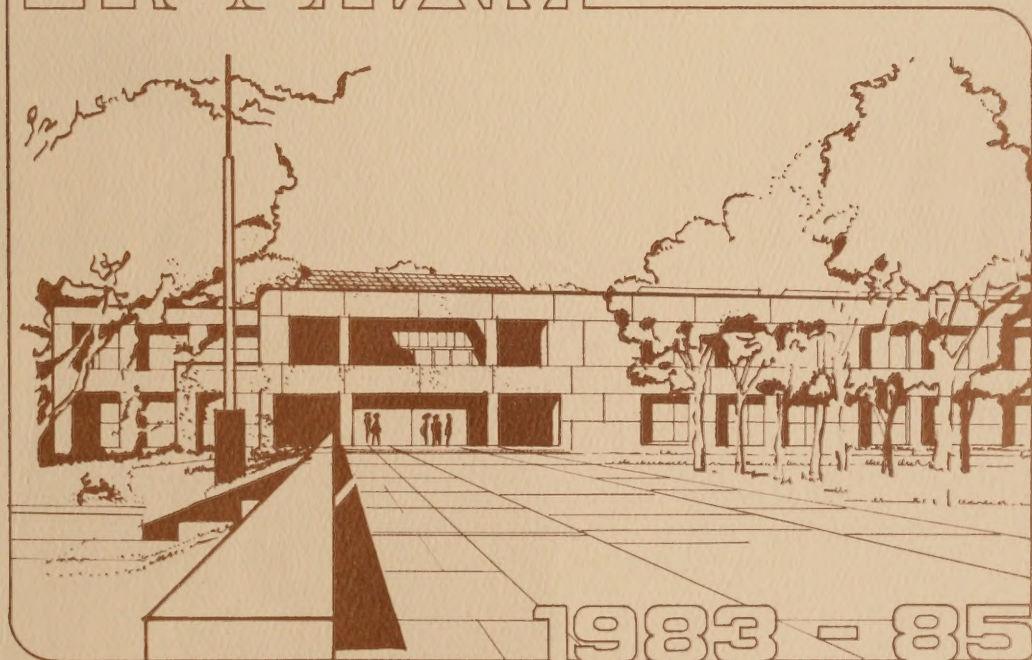
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STATE OF MONTANA  
CAPITAL  
CONSTRUCTION  
PROGRAM



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State of Montana  
Office of the Secretary  
State Capitol Building

TELETYPE UNIT  
MONTANA

December 12, 1967

Members of the Joint Capital Program  
of the Legislative Assembly  
State of Montana  
State Capitol Building  
Helena, MT 59620

Legislators:

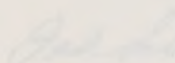
I am pleased to present the requests of the state agencies for Capital Construction Projects, in accordance with Section 17-7-204-206, MCA, and Section 10-5-101, MCA.

All the requests have been carefully reviewed and my recommendations for the program are included as part of the 1968-69 Executive Budget.

The projects recommended in the Capital Construction Program for the next biennial emphasize the repair and maintenance of existing state facilities. The proposed program provides the legislators with the option of authorizing the sale of bonds for the construction of new facilities for existing programs.

Very respectfully,

Sincerely,



MONTANA STATE DEPT.

1015 E. 6th AVE.

HELENA, MONTANA 59620

TELETYPE UNIT  
MONTANA





State of Montana  
Office of the Governor  
Helena, Montana 59620

TED SCHWINDEN  
GOVERNOR

December 13, 1982

Members of the Forty-Eighth Session  
of the Legislative Assembly  
State of Montana  
State Capitol Building  
Helena, MT 59620

Legislators:

I am pleased to present the requests of the state agencies for Capital Construction Projects, in accordance with Section 17-7-201-204, MCA, and Section 18-2-102, MCA.

All the requests have been carefully reviewed and my recommendations for the program are included as part of the 1983-85 Executive Budget.

The projects recommended in the Capital Construction Program for the next biennium emphasize the repair and maintenance of existing state facilities. The proposed program provides the Legislature with the option of authorizing the sale of bonds for the construction of new facilities for existing programs.

Best regards.

Sincerely,

A handwritten signature in cursive script, reading "Ted Schwinden".

TED SCHWINDEN  
Governor



DEPARTMENT OF ADMINISTRATION  
DIRECTOR'S OFFICE



TED SCHWINDEN, GOVERNOR

MITCHELL BUILDING

STATE OF MONTANA

(406) 449-2032

HELENA, MONTANA 59620

November 29, 1982

Honorable Ted Schwinden  
Governor  
State of Montana  
State Capitol Building  
Helena, Montana 59620

Dear Governor Schwinden:

In accordance with Section 17-7-201 through 17-7-204 and Section 18-2-102, MCA, we hereby submit the agency requests for the Capital Construction Program for the 1983-1985 Biennium.

The Facility Planning Bureau of the Architecture & Engineering Division has solicited the needs of all State institutions, university units and agencies. All facility requests were reviewed and the subsequent Capital Construction Program is recommended for inclusion in your Executive Budget.

If you, or any member of the Legislature, desire additional information on any aspect of this program, please contact the Department of Administration.

Sincerely,

A handwritten signature in cursive script, reading "Philip H. Hauck".

PHILIP H. HAUCK, Administrator  
Architecture & Engineering Division

A handwritten signature in cursive script, reading "Morris L. Bruett".

MORRIS L. BRUETT, Director  
Department of Administration



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## AGENCY BUILDING PROGRAM REQUESTS

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# CAPITAL CONSTRUCTION PROGRAM PROPOSAL



## LONG RANGE BUILDING PROGRAM

1983 - 1985 Biennium

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The Long Range Building Program was initiated in 1965 to provide funding to construct and maintain all State Buildings. In recent years, the building program has been funded from both current (cash) revenues and general obligation bonds derived from dedicated portions of the cigarette tax and the general fund. The program is supplemented from other funding sources such as earmarked revenue, federal and private revenue and the University System plant funds.

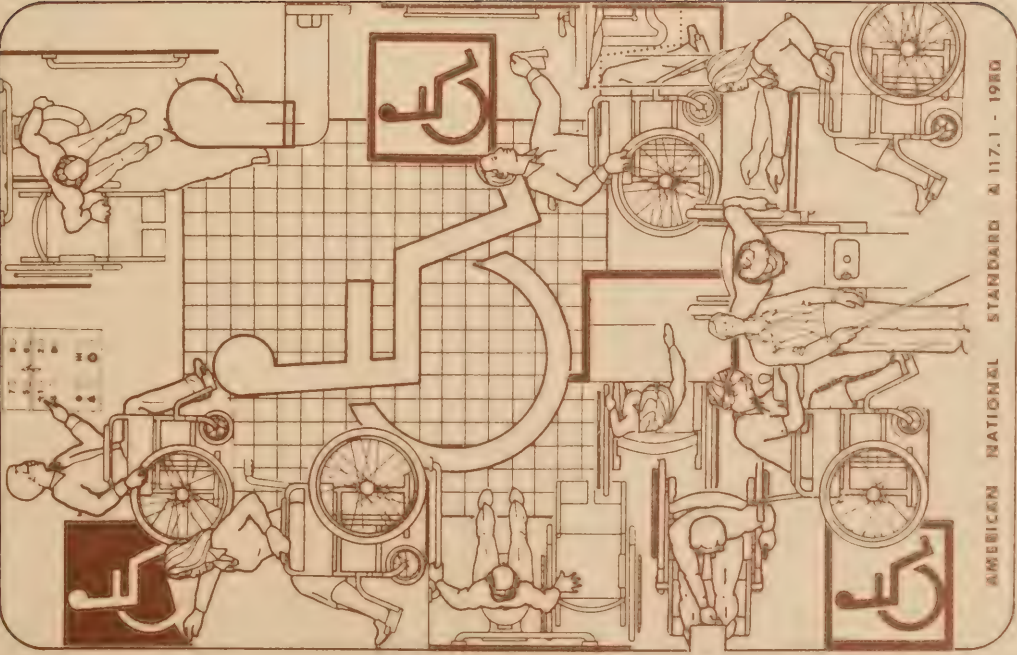
The Long Range Building Program for the 1983 - 1985 biennium will utilize the earmarked cigarette tax to carry out a needed effort to repair and replace existing facilities and to retrofit state buildings for energy conservation. This building program will also allow the legislature to authorize the sale of Long Range Building Bonds for construction of major projects throughout the State.

The following pages of the Capital Construction Program contain a priority listing of recommended projects with a brief description of each project and estimated costs.

The Capital Construction Program, 1983 - 1985 Biennium, is a publication by the Department of Administration, Division of Architecture and Engineering, and is considered a part of the Executive Budget. Additional information on all the projects is available through the Department of Administration.



# PRIORITY LISTING



AMERICAN NATIONAL STANDARD A 117.1 - 1983

REQUIREMENTS FOR PHYSICALLY HANDICAPPED



## PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH CURRENT REVENUES  
1983 - 1985 BIENNIIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
1.	Roof Replacements, Institutions	06142	814,946	0	0	814,946
2.	Roof Replacements, University System	06142	553,700	0	0	553,700
3.	Major Maintenance & Repairs, Institutions	06142	363,760	0	0	363,760
4.	Major Maintenance & Repairs, University System	06142	990,000	0	0	990,000
5.	Mechanical Maintenance, Three Armories	06142	13,000	0	0	13,000
6.	Repair and Replace Roofs, Military Affairs	06142	135,000	0	39,000	174,000
7.	Street Improvements, Anaconda Armory	04530 06142	19,000	0	0	19,000
8.	Energy Retrofit, State Facilities	06142	1,200,000	0	0	1,200,000
9.	Original Governor's Mansion Improvements	06142	80,500	0	0	80,500
10.	Land Acquisition and Grounds Improvements, Capitol Complex	06142	291,000	0	0	291,000
11.	Building Modifications, 820 Front Street, Helena	06142	20,000	0	0	20,000
12.	Miscellaneous Building Improvements, Capitol Complex	06142	600,000	0	0	600,000
13.	Renovate Off-Site Museum Storage Building, Helena	06142	25,300	0	0	25,300
14.	Chemistry Laboratory Renovation, Cogswell Building	06142	119,000	0	0	119,000
15.	Fire Sprinkling & Detection Systems, Warm Springs and Boulder	06142	156,830	0	0	156,830
16.	Construct Porte Cochère, Center for the Aged	06142	60,176	0	0	60,176
17.	Paint Shop Modifications, Missoula Forestry Complex	06142	55,000	0	0	55,000
18.	Plan Business Administration Facility, UM	06142	50,000	0	0	50,000

## PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH CURRENT REVENUES  
1983 - 1985 BIENNium

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
19.	Plan Engineering/Physical Sciences Complex, MSU	06142	350,000	0	0	350,000
20.	Plan Justice Academy/Forensic Science Building	06142	250,000	0	0	250,000
21.	Aircraft Storage Hangar, Yellowstone Airport	02188	0	201,000	0	201,000
22.	Coal Tax Park Acquisitions	02036	0	606,000	0	606,000
23.	Miscellaneous Maintenance, Highway Facilities	02138	0	750,000	0	750,000
24.	Runway Improvements, Lincoln Airport	02188 04830	0	15,000	135,000	150,000
25.	Fishing Access Site Acquisitions	02305	0	855,000	0	855,000
26.	Maintenance Garage, Lost Trail	02138	0	63,500	0	63,500
27.	Dam Rehabilitation, Fish, Wildlife & Parks	06001	0	125,000	0	125,000
28.	Construct Sandhouse, Highways	02138	0	44,275	0	44,275
29.	Fishing Access Site Protection	02131	0	500,000	0	500,000
30.	Elkhorn State Monument Improvements	02036	0	20,000	0	20,000
31.	Giant Springs-Heritage State Park Improvements	02036	0	100,000	0	100,000
32.	Streambank Preservation, Fish, Wildlife & Parks	06001	0	50,000	0	50,000
33.	Mount Haggin Recreation Area Fencing	06001	0	65,000	0	65,000
34.	South Sandstone State Recreation Area Improvements	06001	0	125,000	0	125,000
35.	Makoshika State Park Improvements	02036	0	78,000	0	78,000
36.	Headquarters Renovations & Repairs, Fish, Wildlife & Parks	02131	0	50,000	0	50,000
37.	Headquarters Storage Building, Region 1; Fish, Wildlife & Parks	02131	0	30,000	0	30,000

CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH CURRENT REVENUES  
1983 - 1985 BIENNIAL

Priority	Agency/Project	Accounting Entity	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
38.	Wildlife Management Area Maintenance	02131	0	100,000	0	100,000
39.	Lake and Stream Improvements; Fish, Wildlife & Parks	02131	0	50,000	0	50,000
40.	Rosebud Battlefield State Monument Improvements	02036	0	40,000	0	40,000
41.	Spring Meadow Lake Improvements	02036 04186	0	155,000	30,000	185,000
42.	Game Range Acquisitions	02131	0	300,000	0	300,000
43.	Natural History Addition, Helena FW&P Headquarters	04530	0	0	622,500	622,500
44.	Plan Life Sciences Complex, Phase II, MSU	04530	0	0	750,000	750,000
45.	Complete Library Basement, MSU	04530	0	0	300,000	300,000
46.	Pave Roads at Hadleigh Marsh Lab & Ag Complex, MSU	04530	0	0	286,300	286,300
47.	Remodel Herrick Hall, MSU	04530	0	0	300,000	300,000
48.	Construct Machine Shop & Storage Complex, Bozeman AES, MSU	04530	0	0	302,000	302,000
49.	Expand Museum of the Rockies, MSU	04530	0	0	6,000,000	6,000,000

TOTAL FUNDED WITH CURRENT REVENUES

\$6,147,212	\$4,322,775	\$8,764,800	\$19,234,787
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## PRIORITY LISTING

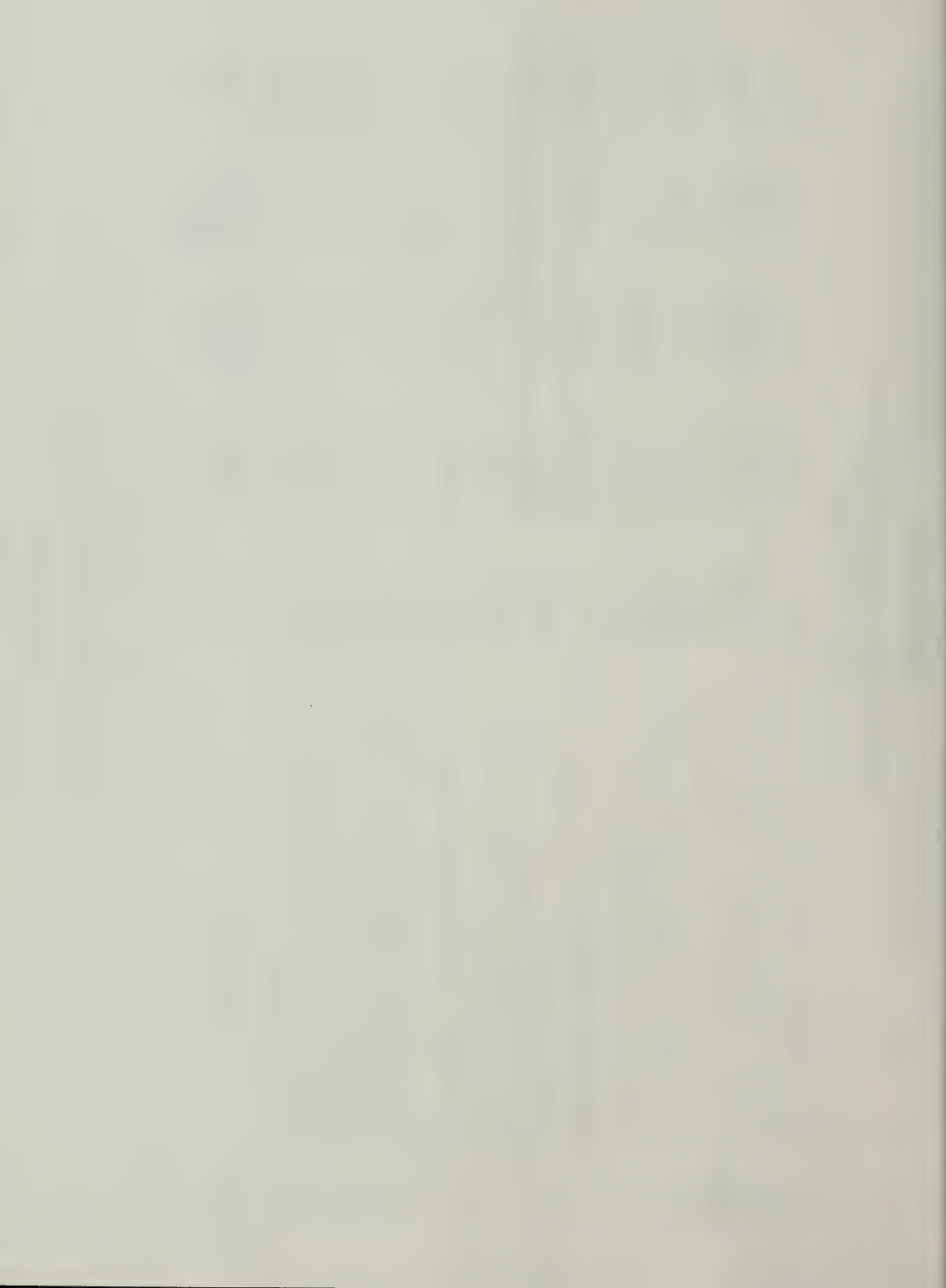
CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH BONDED DEBT  
1983 - 1985 MILLENIUM

Priority	Agency/Project	Accounting Unit	Bond Proceeds & Insurance Clearance	Federal & Private Revenue	
				Lamarked Revenue	Total
50.	Major Expansion, Prison	06142	12,208,700	0	12,208,700
51.	Complete Cisel Hall Remodel and Addition, EMC	06142	625,000	0	625,000
52.	Construct New DNRC Building, Capitol Complex	06142	6,958,000	0	6,958,000
53.	Construct Two New Cottages, Pine Hills	06142	2,300,000	0	2,300,000
54.	Construct Engineering Laboratory/Classroom Building, Tech	06142 04530	2,750,000	0	
55.	Expand Greenhouse/Headhouse Complex, MSU	06142	5,302,000	0	5,302,000
56.	Purchase Riverfront Land, UM	06142	500,000	0	500,000
57.	Forensic Building Remodel & Addition, Warm Springs	06142	1,678,464	0	1,678,464
58.	Remodel Infirmary, Prison	06142	225,000	0	225,000
59.	Construct Veteran's & Pioneer Memorial Building Addition, Capitol Complex	06142	2,063,295	0	2,063,295
60.	Renovate Social Science Building, UM	06142	499,000	0	499,000
61.	Build Emergency Operations Center, Helena Armory	06142 04530	834,356	0	
62.	Construct Fish Hatchery, Creston Springs, FW&P	02131	0	455,000	804,688 1,639,044
63.	Renovate Fish Hatchery, Great Falls, FW&P	02131	0	1,900,000	455,000 1,900,000
64.	Renovate Fish Hatchery, Big Timber, FW&P	02131	0	500,000	0 500,000
65.	Great Falls Regional Headquarters, FW&P	02131	0	880,000	0 880,000

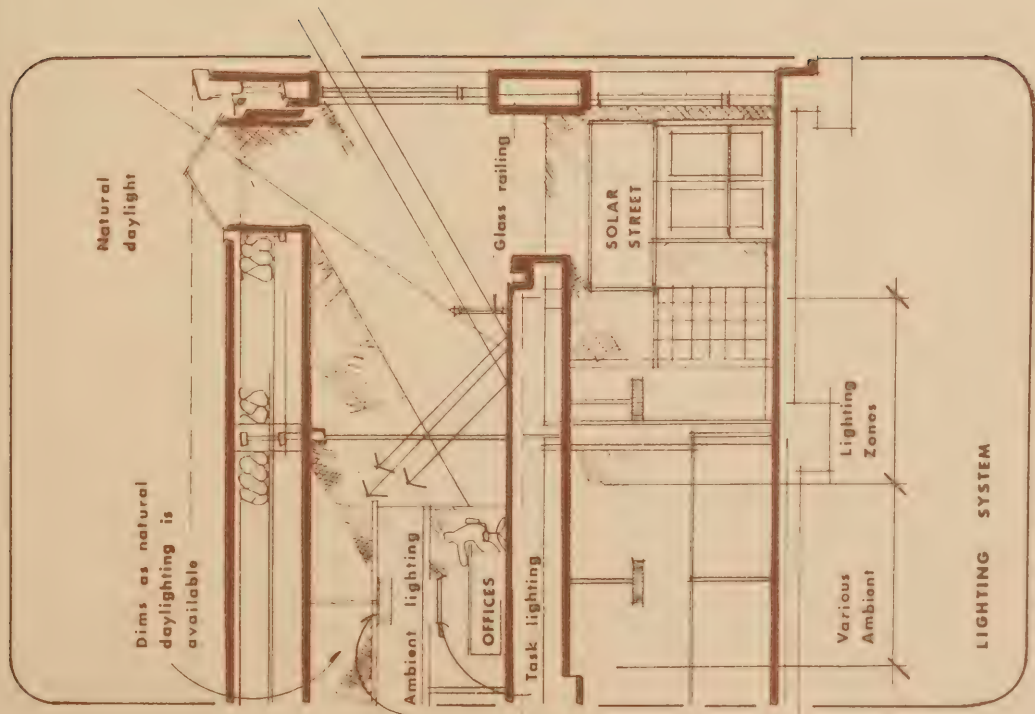
PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH BONDED DEBT  
1983 - 1985 MIENNUIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entry</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Exmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
66.	Bozeman Regional Headquarters, FW&P	02131	0	1,700,000	0	1,700,000
67.	Glasgow Regional Headquarters, FW&P	02131	0	220,000	0	220,000
TOTAL FUNDED WITH BONDED DEBT						
			\$35,943,815	\$5,655,000	\$3,554,688	\$45,153,503
TOTAL LONG RANGE BUILDING PROGRAM						
			\$42,091,027	\$9,977,775	\$12,319,488	\$64,388,290

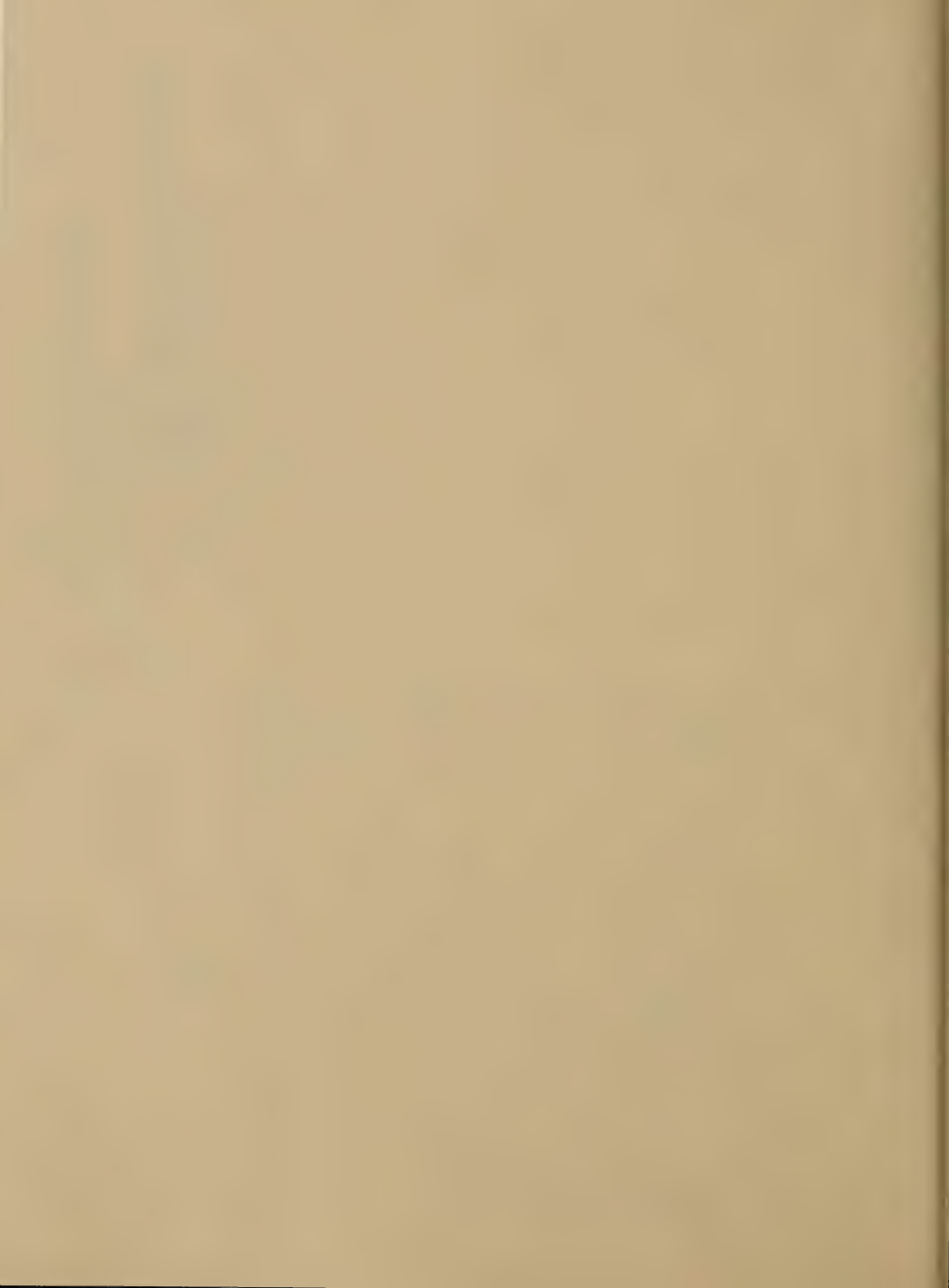


# PROJECT DESCRIPTION BY AGENCY



LIGHTING SYSTEM

INTERIOR LIGHTING CONCEPT



CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH CURRENT REVENUES  
1983 - 1985 BIENNIIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
DEPARTMENT OF ADMINISTRATION						
8.	ENERGY CONSERVATION RETROFIT: Continue a long term energy conservation plan to reduce consumption through retrofitting of State buildings.	06142	1,200,000	0	0	1,200,000
9.	ORIGINAL GOVERNOR'S MANSION IMPROVEMENTS: Prevent further water damage to this Historic structure by installing a new roof and rain gutters and eliminate a safety hazard by replacing outdated electrical wiring.	06142	80,500	0	0	80,500
10.	LAND ACQUISITION AND GROUNDS IMPROVEMENTS: Acquire property needed to develop the Capitol Complex as parcels become available and provide improvements to undeveloped State property such as landscaping, parking lots, and sidewalks.	06142	291,000	0	0	291,000
11.	BUILDING MODIFICATIONS, 820 FRONT STREET, HELENA: Resolve moisture problems in the existing basement by providing modifications to the roof drainage system which will make the space more suitable for storage.	06142	20,000	0	0	20,000
12.	MISCELLANEOUS BUILDING IMPROVEMENTS, CAPITOL COMPLEX: Eliminate architectural barriers and provide limited remodeling and energy retrofit at the Old Livestock Building, 1300 11th Avenue, and 1539 11th Avenue.	06142	600,000	0	0	600,000
TOTAL - Department of Administration			\$2,191,500	\$ 0	\$ 0	\$2,191,500

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH CURRENT REVENUES  
1983 - 1985 BIENNIIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
DEPARTMENT OF COMMERCE						
21.	AIRCRAFT STORAGE HANGAR, YELLOWSTONE AIRPORT: Construct a new hangar for storage of both transient and airport based aircraft during the operating season and for general airport storage during the off-season.	02188	0	201,000	0	201,000
24.	RUNWAY IMPROVEMENTS, LINCOLN AIRPORT: Resurface the existing asphalt runway which has deteriorated beyond re- pair to ensure safe, continued operation of the airport.	02188 04830	0	15,000	135,000	150,000
TOTAL - Department of Commerce			\$ 0	\$ 216,000	\$ 135,000	\$ 351,000
BOARD OF EDUCATION						
13.	RENOVATE OFF-SITE MUSEUM STORAGE BUILDING: Modify an existing building located at the old Highway Shop Complex to provide adequate, secure storage space for bulky, low value items from the Society's collections.	06142	25,300	0	0	25,300
TOTAL - Board of Education			\$ 25,300	\$ 0	\$ 0	\$ 25,300
DEPARTMENT OF FISH, WILDLIFE AND PARKS						
22.	COAL TAX PARK ACQUISITIONS: Provide funds for the con- tinuing acquisition of park areas on a Statewide basis.	02036	0	606,000	0	606,000

CAPITAL CONSTRUCTION PROGRAM PROPOSAL  
FUNDED WITH CURRENT REVENUES  
1983 - 1985 BIENNIAL

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
25.	FISHING ACCESS SITE ACQUISITIONS: Acquire sites that provide public access to State fishing waters.	02305	0	855,000	0	855,000
27.	DAM REHABILITATION: Reconstruct the Gartside Reservoir which has deteriorated and become a safety hazard to the public, and in particular, downstream residents.	06001	0	125,000	0	125,000
29.	FISHING ACCESS SITE PROTECTION: Provide basic improvements which will make sites usable by the public and to protect them from abuse. Examples include road work, traffic control devices, signs, sanitary facilities, etc.	02131	0	500,000	0	500,000
30.	ELKHORN STATE MONUMENT IMPROVEMENTS: Provide minimum improvements to prevent further deterioration of structures at this historic site.	02036	0	20,000	0	20,000
31.	GANT SPRINGS - HERITAGE STATE PARK IMPROVEMENTS: Provide miscellaneous improvements such as comfort stations, interpretive signs, and landscaping.	02036	0	100,000	0	100,000
32.	STREAM BANK PRESERVATION: Preserve stream fish habitat by financially assisting landowners with design, planning, and construction of streambed and bank projects.	06001	0	50,000	0	50,000
33.	MOUNT HAGGIN RECREATION AREA: Construct a new fence so that a rest rotation grazing system can be initiated and thus protect a valuable resource.	06001	0	65,000	0	65,000

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH CURRENT REVENUES 1983 - 1985 BIENNIIUM

Priority	Agency/Project	Accounting Entity	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
34.	SOUTH SANDSTONE STATE RECREATION AREA IMPROVEMENTS: Upgrade the dam to meet current safety requirements, replace the boundary fence, and improve the roads and parking area.	06001	0	125,000	0	125,000
35.	MAKOSHUKA STATE PARK IMPROVEMENTS: Pave a portion of the main access road and provide a new radio tower area.	02036	0	78,000	0	78,000
36.	HEADQUARTERS RENOVATIONS & REPAIRS: Repair and provide minor renovation to various facilities at the regional headquarters sites.	02131	0	50,000	0	50,000
37.	HEADQUARTERS STORAGE BUILDING, REGION I: Provide storage space for snowmobiles, boats, machinery and other equipment to protect it against the elements at the KallsPELL Headquarters.	02131	0	30,000	0	30,000
38.	WILDLIFE MANAGEMENT AREA MAINTENANCE: Maintain, develop, and protect wildlife areas with fences, signs, roads, and other items as needed to improve the existing habitat.	02131	0	100,000	0	100,000
39.	LAKE AND STREAM IMPROVEMENTS: Complete a variety of small projects that will protect and improve fish habitat and thereby protect the resource.	02131	0	50,000	0	50,000
40.	ROSEBUD BATTLEFIELD STATE MONUMENT: Construct an administrative site to replace a deteriorated building and provide other miscellaneous improvements.	02036	0	40,000	0	40,000
41.	SPRING MEADOW LAKE IMPROVEMENTS: Provide basic facilities such as foot trails, parking, roads, and restrooms which will make the site more accessible to the public.	02036 04186	0	155,000	30,000	185,000

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH CURRENT REVENUES 1983 - 1985 BIENNium

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
42.	GAME RANGE ACQUISITION: Acquire property as it becomes available for wildlife habitat and hunter access.	02131	0	300,000	0	300,000
43.	NATURAL HISTORY ADDITION, HELENA HEADQUARTERS: Construct an addition to the existing State headquarters building which includes a Natural History display area, a commission/auditorium room, a display fabrication area, and other related spaces which will promote the natural environment.	04530	0	0	622,500	622,500
TOTAL - Department of Fish, Wildlife and Parks			\$ 0	\$3,249,000	\$652,500	\$3,901,500

## DEPARTMENT OF HEALTH & ENVIRONMENTAL SCIENCES

14.	CHEMISTRY LABORATORY RENOVATION: Renovate the existing Chemistry Laboratory as well as several support areas in order to eliminate a variety of safety hazards and improve utilization of space and equipment in the original Cogswell building.	06142	119,000	0	0	119,000
TOTAL - Department of Health and Environmental Sciences			\$119,000	\$ 0	\$ 0	\$119,000

## DEPARTMENT OF HIGHWAYS

23.	MISCELLANEOUS MAINTENANCE, HIGHWAY FACILITIES: Construct additions, upgrade and provide maintenance for numerous highway buildings throughout the State.	02138	0	750,000	0	750,000
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# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH CURRENT REVENUES 1983 - 1985 BIENNIIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
26.	MAINTENANCE GARAGE, LOST TRAIL: Construct a garage to ensure that equipment will be readily available for winter maintenance operations as well as allowing for continuous equipment upkeep.	02138	0	63,500	0	63,500
28.	CONSTRUCT SANDHOUSE: Construct a sandhouse at the Diamond Ring Interchange to protect sand and thereby, insure timely winter road maintenance.	02138	0	44,275	0	44,275
TOTAL - Department of Highways			\$ 0	\$857,775	\$ 0	\$857,775

## DEPARTMENT OF INSTITUTIONS

1.	ROOF REPLACEMENTS, INSTITUTIONS: Provide major repairs and replacement of roofs at six campuses to ensure future service of the buildings. The roofs cannot be adequately repaired through maintenance programs.	06142	814,946	0	0	814,946
3.	MAJOR MAINTENANCE & REPAIRS, INSTITUTIONS: Initiate a variety of maintenance projects at four campuses to permit better utilization of existing facilities, to prevent further damage to present structures, and to comply with Federal standards.	06142	363,760	0	0	363,760
15.	FIRE SPRINKLING & DETECTION SYSTEMS: Install a fire sprinkler and/or detection in the Warren and Intake Units at Warm Springs and in Cottages 16AB and 16C at Boulder to provide protection for patients and staff.	06142	156,830	0	0	156,830

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH CURRENT REVENUES 1983 - 1985 BIENNIIUM

Priority	Agency/Project	Accounting Entity	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
16.	PORTE COCHERE, CENTER FOR THE AGED: Construct a sheltered loading/unloading area for residents which would reduce the potential for accidents as well as provide protection for State-owned vehicles.	06142	60,176	0	0	60,176
	TOTAL - Department of Institutions		\$1,395,712	\$ 0	\$ 0	\$1,395,712
DEPARTMENT OF JUSTICE						
20.	PLAN JUSTICE ACADEMY/FORENSIC SCIENCE BUILDING: Prepare plans for a complex to house the Law Enforcement Academy, the Division of Forensic Science, and related operations of the Justice Department in the Bozeman District, such as the Highway Patrol Office and the Driver Examiner Office.	06142	250,000	0	0	250,000
	TOTAL - Department of Justice		\$250,000	\$ 0	\$ 0	\$250,000
DEPARTMENT OF MILITARY AFFAIRS						
5.	MECHANICAL MAINTENANCE, THREE ARMORIES: Replace mechanical equipment that has deteriorated beyond repair including a furnace in the Miles City Armory, heaters in the Billings Armory, and a hot water tank in the Bozeman Armory.	06142	13,000	0	0	13,000

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH CURRENT REVENUES 1983 - 1985 BIENNIAL

Priority	Agency/Project	Accounting Entity	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
6.	REPAIR & REPLACE ROOFS, MILITARY AFFAIRS: Repair roofs at National Guard facilities throughout the State and replace the roofs at the Sidney and Glendive armories which have deteriorated beyond normal maintenance capability.	06142 04530	135,000	0	39,000	174,000
7.	STREET IMPROVEMENTS, ANACONDA ARMORY: Provide funds for the State's share of the local special improvement district which will pave and curb existing area streets.	06142	19,000	0	0	19,000
TOTAL - Department of Military Affairs			\$167,000	\$ 0	\$ 39,000	\$206,000
DEPARTMENT OF STATE LANDS						
17.	PAINT SHOP MODIFICATIONS, MISSOULA FORESTRY COMPLEX: Provide necessary electrical modifications and install mechanical ventilation to correct deficiencies that are a health and safety hazard and have been cited by OSHA.	06142	55,000	0	0	55,000
TOTAL - Department of State Lands			\$ 55,000	\$ 0	\$ 0	\$ 55,000

### UNIVERSITY SYSTEM

2. ROOF REPLACEMENTS, UNIVERSITY SYSTEM: Provide major repairs and replacement of roofs at four campuses to ensure future service of the buildings. The roofs can no longer be adequately repaired through normal maintenance programs.

553,700

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH CURRENT REVENUES 1983 - 1985 BIENNIIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
4.	MAJOR MAINTENANCE & REPAIRS, UNIVERSITY SYSTEM: Initiate a variety of maintenance projects at five campuses which will permit better utilization of existing facilities, prevent further damage to existing structures, benefit current educational programs, and comply with Federal codes and standards.	06142	990,000	0	0	990,000
18.	PLAN BUSINESS ADMINISTRATION FACILITY, UM: Provide planning funds in order to explore alternative solutions to the space problems being experienced by the rapidly growing School of Business program.	06142	50,000	0	0	50,000
19.	PLAN ENGINEERING/PHYSICAL SCIENCES COMPLEX, MSU: Provide funds to study the existing space in the College of Engineering and related physical sciences which is obsolete as well as overcrowded, and prepare a facility plan which will most efficiently house the programs.	06142	350,000	0	0	350,000
44.	PLAN LIFE SCIENCES COMPLEX PHASE II, MSU: Prepare plans for a facility to house the teaching and research programs in the Health Sciences and other allied disciplines as well as for laboratories for several service functions.	04530	0	0	750,000	750,000
45.	COMPLETE LIBRARY BASEMENT, MSU: Complete a portion of the existing unfinished basement to relieve overcrowded con- ditions and to provide additional space which is badly needed for library functions.	04530	0	0	300,000	300,000

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH CURRENT REVENUES 1983 - 1985 BIENNium

Priority	Agency/Project	Accounting Entry	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
46.	PAVE ROADS AT HADLEIGH MARSH LAB & AG COMPLEX, MSU: Pave roads to eliminate dust caused by traffic on existing roads which creates constant problems for the sensitive research instruments used in the animal laboratories.	04530	0	0	286,300	286,300
47.	REMODEL HERRICK HALL, MSU: Remodel existing building to make it accessible to the handicapped, to eliminate several Fire Code violations, and to provide additional instructional space.	04530	0	0	300,000	300,000
48.	CONSTRUCT MACHINE SHOP & STORAGE COMPLEX, MSU: Build a facility which will provide space for administrative offices as well as farm machinery maintenance and storage at the Bozeman AES.	04530	0	0	302,000	302,000
49.	EXPAND MUSEUM OF THE ROCKIES, MSU: Complete the proposed expansion of the existing facility which will enable the museum to present the past in a sequential fashion. In addition, it will provide a valuable teaching and research tool for the University.	04530	0	0	6,000,000	6,000,000
TOTAL - University System			\$1,943,700	\$ 0	\$7,938,300	\$9,882,000
TOTAL FUNDED WITH CURRENT REVENUES			\$6,147,212	\$4,322,775	\$8,764,800	\$19,234,787

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FINANCED WITH BONDED PROGRAM 1983 - 1985 BIENNIAL

Priority	Agency/Project	Accounting Unity	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
	BOARD OF EDUCATION					
59.	CONSTRUCT VETERAN'S & PIONEER MEMORIAL BUILDING ADDITION: Construct an addition to the existing building which will provide more storage, work, and office space for the Historical Society, as well as additional gallery space.	06142	2,063,295	0	0	2,063,295
	TOTAL - Board of Education		\$2,063,295	\$ 0	\$ 0	\$2,063,295

### DEPARTMENT OF FISH, WILDLIFE & PARKS

62. CONSTRUCT FISH HATCHERY, CRESTON SPRINGS: Re-locate the existing facilities to include a hatchery, food storage, offices, and all ancillary services in order to eliminate existing inefficiencies and help meet increased production demands.
63. RENOVATE FISH HATCHERY, GREAT FALLS: Construct new rearing ponds and related maintenance shops which will replace outdated facilities and help the hatchery function as a distribution point for cool-water species and meet increased demands for trout and salmon production.
64. RENOVATE FISH HATCHERY, BIG TIMBER: Construct a new facility including a hatchery, food storage, and offices, and modify the existing rearing ponds to eliminate present inefficiencies and help meet increased production demands.

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH BONDED PROGRAM 1983 - 1985 BIENNIIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entity</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u>Earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
65.	GREAT FALLS REGIONAL HEADQUARTERS: Construct a new headquarters and maintenance complex at Giant Springs State Park to replace the existing inadequate facility. The existing facilities would be sold.	02131	0	880,000	0	880,000
66.	BOZEMAN REGIONAL HEADQUARTERS: Construct a new headquarters and maintenance complex including the Research Lab to replace the existing inadequate facility. The existing facilities would be sold.	02131	0	1,700,000	0	1,700,000
67.	GLASGOW REGIONAL HEADQUARTERS: Construct a new headquarters and convert the existing office to storage and vehicle service space.	02131	0	220,000	0	220,000
TOTAL - Department of Fish, Wildlife & Parks			\$ 0	\$5,655,000	\$ 0	\$5,655,000

## DEPARTMENT OF INSTITUTIONS

50.	MAJOR EXPANSION, PRISON: Construct an additional 192-bed housing unit together with all necessary ancillary services to relieve over-crowding of inmates and over use of current facilities. Included in the estimate is \$387,000 for construction of a prison warehouse.	06142	12,208,700	0	0	12,208,700
53.	CONSTRUCT TWO NEW COTTAGES, PINE HILLS: Construct one cottage for intake and evaluation programs and the other for female delinquent youth in order to close Mountain View School and consolidate the program with Pine Hills School.	06142	2,300,000	0	0	2,300,000

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH BONDED PROGRAM 1983 - 1985 BIENNIIUM

Priority	Agency/Project	Accounting Entity	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
57.	FORENSIC BUILDING REMODEL & ADDITION, WM SPR: Remodel existing forensic unit including various mechanical system improvements, and construct an addition to accommodate the steadily increasing population. Units 85 and 86 could be closed upon completion of the project.	06142	1,678,464	0	0	1,678,464
58.	REMODEL INFIRMARY, PRISON: Remodel an existing research area in the infirmary which will provide space necessary for the medical services offered by the prison. The existing facility was not designed for the present population.	06142	225,000	0	0	225,000
TOTAL - Department of Institutions			\$16,412,164	\$ 0	\$ 0	\$16,412,164
DEPARTMENT OF MILITARY AFFAIRS						
61.	BUILD EMERGENCY OPERATIONS CENTER, HELENA ARMORY: Remodel a portion of the existing space in the Helena Armory, including improvements to the mechanical and electrical systems, to provide an Emergency Operations Center complete with ancillary services and communications equipment necessary for operations in the event of an emergency.	06142 04530	834,356	0	804,688	1,639,044
TOTAL - Department of Military Affairs			\$834,356	\$ 0	\$804,688	\$1,639,044

# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH BONDED PROGRAM 1983 - 1985 BIENNIUM

Priority	Agency/Project	Accounting Entity	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Total
52.	CONSTRUCT NEW DNRC BUILDING: Construct a new building at the Capitol Complex which will consolidate the Department and thereby eliminate many operational problems. Planning authorized by the 1981 Legislature has been completed.	06142	6,958,000	0	0	6,958,000
	TOTAL - Department of Natural Resources & Conservation		\$6,958,000	\$ 0	\$ 0	\$6,958,000

### UNIVERSITY SYSTEM

51. COMPLETE CISEL HALL REMODEL AND ADDITION, EMC:  
Provide additional funding to remodel Cisel Hall for the Music Department which has outgrown its present facilities. The 1981 Legislature appropriated \$1,190,000 which is part of the total sum needed to complete the project.
54. CONSTRUCT ENGINEERING LABORATORY & CLASSROOM BUILDING, TECH: Construct a facility to house laboratories, classrooms, and offices for several Engineering Departments. The programs are currently located in small, antiquated facilities that do not satisfy the needs of the increasing student enrollment.
55. EXPAND GREENHOUSE/HEADHOUSE COMPLEX, MSU:  
Expand the existing greenhouse space which is inadequate in both quality and quantity. This is a serious hindrance to the agricultural instruction and research programs each of which is of great importance in a land grant school.

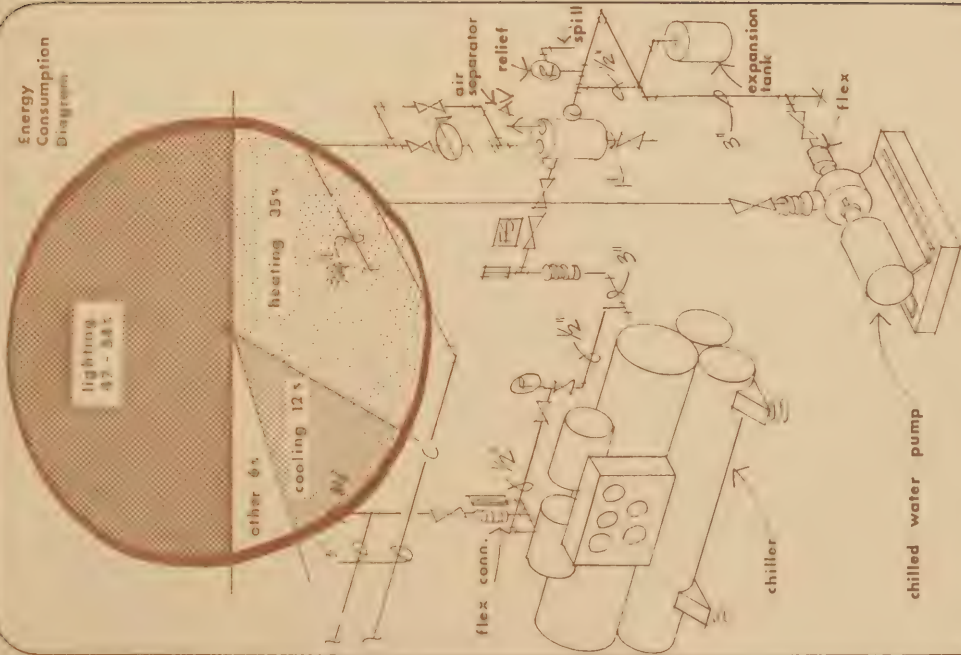
# PROJECT DESCRIPTION BY AGENCY

## CAPITAL CONSTRUCTION PROGRAM PROPOSAL FUNDED WITH BONDED PROGRAM 1983 - 1985 BIENNIIUM

<u>Priority</u>	<u>Agency/Project</u>	<u>Accounting Entry</u>	<u>Bond Proceeds &amp; Insurance Clearance</u>	<u> earmarked Revenue</u>	<u>Federal &amp; Private Revenue</u>	<u>Total</u>
56.	PURCHASE RIVERFRONT LAND, UM: Purchase selected properties on the Clark Fork River to protect the boundaries of the campus and thus ensure that any future development on the site will remain compatible with the campus environment.	06142	500,000	0	0	500,000
60.	RENOVATE SOCIAL SCIENCE BUILDING, UM: Renovate the fourth floor of the Social Science Building for the Computer Science Department. The Department, one of the largest and fastest growing on campus, is currently housed in small inadequate quarters in the basement of University Hall.	06142	499,000	0	0	499,000
TOTAL - University System			\$9,676,000	\$ 0	\$2,750,000	\$12,426,000
TOTAL FUNDED WITH BONDED DEBT			\$35,943,815	\$5,655,000	\$3,554,688	\$45,153,503
TOTAL LONG RANGE BUILDING PROGRAM			\$42,091,027	\$9,977,775	\$12,319,488	\$64,388,290



Energy  
Consumption  
Diagram



# PROJECT REQUEST FORMS

CHILLED WATER PIPING

MECHANICAL



Project Title Roof Replacements, Institutions  
Project Priority 1  
Biennium 1983 - 1985

Department Institutions  
Agency/Program Boulder, Center for the Aged, Mountain View, Pine Hills, Swan River & Warm Springs/Galen

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Repairs and maintains facilities

B. LOCATION: Campuses at six institutions

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☒ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The project will rebuild roofs on several campuses to ensure future service of the buildings. The project fundings can be summarized as follows:

Boulder	\$140,000
Center for the Aged	17,250
Mountain View	69,537
Pine Hills	133,000
Swan River	125,000
Warm Springs/Galen	330,159
	<u>\$814,946</u>

(See General Narrative for project breakdown),  
Impact on Existing Facilities:

New roofs will extend the life of the buildings and improve the environment for the programs located in them.

Number to be served by Facility: All building occupantsFunctional Space Requirements: (In square feet) N/A

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The project addresses the problem of unserviceable roofs which are all leaking to one degree or another.

## E. ALTERNATIVES CONSIDERED:

1. Replace roofs
2. Continue present maintenance of patching and repairing which will temporarily delay further deterioration and damage but require increased replacement costs at a late date.
3. Prioritize the projects and fund only those where severe damage or consequences are likely if the work is not completed.

## Rationale for Selection of a Particular Alternative:

The project as recommended generally follows alternative #1 which replaces roofs. In most cases changes between the requested amount and the recommended amount reflect reused cost estimates. However, since LRBP funding limitations cannot be overlooked, projects having potential for funding from other sources or those considered less urgent were not included in the \$814,946 recommendation.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Facilities personnel, Institutions

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 978,192
4. Architectural/Engineering Fees: \$ 78,981
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 82,674
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 1,139,847  
Less Other Funds Available  
Source \$ \_\_\_\_\_

STATE FUNDS REQUIRED \$ 1,139,847

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required - 0 -

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( N/A )  
Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_  
2nd BIENNIUM ( N/A )  
Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_  
3rd BIENNIUM ( N/A )  
Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

INSTITUTION ROOF REPLACEMENTS

BOULDER		
Physical Therapy Hospital - "A" Wing		
Hospital - Blue Bird Powerhouse		
Laundry		
Shop and Garages	\$385,856	* (\$140,000 recommended)
CENTER FOR THE AGED		
Repair Chimneys	17,250	* (\$17,250 recommended)
MOUNTAIN VIEW		
Gymnasium School	69,537	* (\$69,537 recommended)
PINE HILLS		
Gymnasium & School (portion of school) Russell Lodge (portion)	37,045	* (\$133,000 recommended) See note below
SWAN RIVER		
All Buildings (metal roofs)	150,000	* (\$125,000 recommended)

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST  
GENERAL NARRATIVE MATERIAL

WARM SPRINGS/GALEN

Food Center  
Receiving Hospital  
Intake Building  
Corridor (between Hospital and Chapel)  
Five Roofs (aluminum coating)  
Multi-Purpose Building (portion)  
Carpenter Shop  
Maintenance Shops  
Four Cottages  
Superintendent's Residence

\$ 480,159 \* (\$330,159 recommended)

INSTITUTIONS ROOF REPLACEMENTS

TOTAL REQUEST

\$1,139,847

\*Recommended funding included in the Capital Construction Program.

NOTE: At Pine Hills School \$133,000 has been recommended for the funding of roof replacements. Included in that amount is the Reroof of the Vocational Education Building. While this particular building was not part of the Department of Institutions, Central Office priorities, it is a problem and therefore the Architecture & Engineering Division included it as part of the recommended project. (At the time Pine Hills School and the Central Office submitted their priorities, an alternate solution was being pursued for repair of the Vo-Ed Roof. Since that time a more detailed analysis has shown that the contemplated repairs are unfeasible and that the roof must be replaced.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Roof Replacements, University System  
 Project Priority 2  
 Biennium 1983 - 1985

Department Montana University System  
 Agency/Program EMC, Tech, NMC, U of M

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Repairs and maintains facilities.

## B. LOCATION: EMC, MT Tech, NMC, U of M

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☒ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The project will rebuild roofs on several campuses to ensure future service of the buildings. The project funding can be summarized as follows:

EMC	\$ 78,000
Tech	110,000
NMC	124,700
U of M	241,000
	<u>\$553,700</u>

(See General Narrative for project breakdown).

Impact on Existing Facilities:

New roofs will extend the life of the buildings and improve the environment for the programs located in them.

Number to be served by Facility: All building occupants.

Functional Space Requirements: (In square feet) N/A

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The project addresses the problem of unserviceable roofs which are all leaking to one degree or another.

## E. ALTERNATIVES CONSIDERED:

1. Replace roofs
2. Continue present maintenance of patching and repairing which will temporarily delay further deterioration and damage but require increased replacement costs at a late date.

Rationale for Selection of a Particular Alternative:

The roofs have been maintained over the years but have been deteriorated to the point where they can no longer be effectively repaired. The only solution that eliminates the problem is replacement of the roofs. However, since LRBP funding limitations cannot be overlooked, projects having potential for funding from other sources were not included in the \$553,700 recommendation.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Facilities personnel, University System

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	622,700
4. Architectural/Engineering Fees:	\$	
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	31,500
9. Other	\$	5,500
	\$	
	\$	
TOTAL COST	\$	659,700
Less Other Funds Available		
Source	\$	
STATE FUNDS REQUIRED	\$	659,700

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( <u>N/A</u> )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM ( <u>N/A</u> )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM ( <u>N/A</u> )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

\*Note Rationale for Selection of a Particular Alternative on previous page.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

UNIVERSITY SYSTEM ROOF REPLACEMENTS

EASTERN MONTANA COLLEGE

- \* McMullen Hall
- \* P.E. Building (flat area)
- \* Science Building (lower roof)

\$ 66,000  
55,000  
12,000

MONTANA TECH

- \* Main Hall

110,000

NORTHERN MONTANA COLLEGE

- \* Auto Mechanics Building
- \* Metals Tech Building
- \* Mechanics Annex

39,700  
50,000  
35,000

UNIVERSITY OF MONTANA

- \* Liberal Arts Addition
- \* Chem/Pharmacy Building
- \* Law Building (original section)
- \* Animal Research Lab, Fort Missouli
- \* Men's Gym
- \* Mathematics Building
- \* House, 1414 Maurice

48,000  
45,000  
53,000  
64,000  
51,000  
26,000  
5,000

UNIVERSITY SYSTEM ROOF REPLACEMENTS  
TOTAL REQUEST

\$659,700

- \* Recommended for funding in the Capital Construction Program.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Institutional Maintenance Department Institutions  
 Project Priority 3 Agency/Program Warm Springs/Calen, Boulder, Veteran's Home  
 Biennium 1983 - 1985

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Repairs and maintains campuses.

B. LOCATION: Warm Springs/Calen, Boulder, Veteran's Home

## (Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☒ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The project is intended to accomplish major maintenance and improvements at four campuses to ensure the future service of facilities. The project funding can be summarized as follows:

Sewage Plant Improvements, WS/Calen	\$ 131,760
Boiler Repairs, Calen	195,000
Sidewalk Replacement, Veteran's Home	12,000
Water Tank Maintenance, Calen & Boulder	25,000
	<u>\$ 363,760</u>

(See General Narrative for project breakdown).

Impact on Existing Facilities:

Project will upgrade, maintain and allow fuller utilization of existing facilities and equipment.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

It is essential to initiate a variety of major maintenance projects to the buildings and grounds of these four campuses to permit better utilization of existing facilities, to prevent further damage to present structures, to reduce energy consumption, and/or comply with federal codes and standards.

## E. ALTERNATIVES CONSIDERED:

1. Let facilities continue to deteriorate and realize even greater costs at a later date.
2. Prioritize the projects and request funding for only those where severe consequences are likely if the project is not completed.
3. Request funding for all the projects in order to continue the program of overall maintenance and improvements.

Rationale for Selection of a Particular Alternative:

The best long-term solution for the problems presented is complete funding since the items are all badly needed and cannot realistically be delayed or prioritized. However, a few options were deleted from the Boiler Repairs which reduced the estimated cost from \$219,600 to \$195,000.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 33 -

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate	Architecture & Engineering Division	
1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	325,000
4. Architectural/Engineering Fees:	\$	34,560
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
Equipment	\$	
8. Contingencies:	\$	28,800
9. Other	\$	
	\$	
TOTAL COST	\$	388,360
Less Other Funds Available		
Source	\$	
STATE FUNDS REQUIRED	\$	388,360

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (	N/A	
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	
2nd BIENNIUM (	N/A	
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	
3rd BIENNIUM (	N/A	
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST  
GENERAL NARRATIVE MATERIAL

INSTITUTIONAL MAINTENANCE

SEWAGE IMPROVEMENTS

Replace two aerator-clarifiers at the Galen Sewage Treatment Plant and replace approximately 1000' of sewer main, some flow pipe, and lagoon system control gates at Warm Springs. All the items have deteriorated beyond repair and are no longer serviceable. (\$131,760)

BOILER REPAIRS

Provide a variety of improvements to the Galen boiler such as an upgrade of the boiler feedwater system through the addition of a condensate deaerator, condensate tank, and new feedwater pumps, a provision for new chemical treatment injection systems, an update of steam pressure safety controls, the installation of a new water meter, and the addition of new power burners. (\$219,600)

SIDEWALK REPLACEMENT

Replace the existing sidewalk along the main entry road which has deteriorated and become a safety hazard to the residents who use it for walking and exercising. (\$12,000)

WATER TANK MAINTENANCE, GALEN & BOULDER

Continue periodic preventative maintenance program for water towers at State institutions. (\$25,000)

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title University System Maintenance  
Project Priority 4  
Biennium 1983 - 1985

Department Montana University System  
Agency/Program MSU, MT Tech, NMC, UM, and WMC

A. THIS PROJECT (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility
- ☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility
- ☒ Other Repairs, maintains and renovates campuses.

B. LOCATION:

All University units

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available
- ☐ Site to be Selected ☒ Access Already Available
- ☒ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

The project is intended to accomplish major maintenance and improvements at all the University Campuses to ensure the future service of facilities. The project funding can be summarized as follows:

MSU	364,000
Tech	65,000
NMC	11,000
UM	327,000
WMC	223,000
	<u>\$990,000</u>

(See General Narrative for project breakdown).

Impact on Existing Facilities:

Project will upgrade, maintain and allow fuller utilization of existing facilities.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

It is essential to initiate a variety of renovation, remodeling and major maintenance projects to the buildings and grounds of all the University Units to permit better utilization of existing facilities, to prevent further damage to present structures, to reduce energy consumption, benefit current educational programs, and/or comply with federal codes and standards.

E. ALTERNATIVES CONSIDERED:

1. Let facilities continue to deteriorate and realize even greater costs at a later date.
2. Prioritize the projects and request funding for only those where severe consequences are likely if the project is not completed.
3. Request funding for all the projects in order to continue the program of overall maintenance and improvements.

Rationale for Selection of a Particular Alternative:

The best long-term solution for the problems presented is complete funding at this time as it offers the most desirable cost benefit factor in the State of Montana. However, since L.R.B.P. funding limitations cannot be overlooked, projects having potential for funding from other sources or those considered less urgent were not included in the \$990,000 recommendation.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A

LONG RANGE ESTIMATED PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Facilities personnel, University System

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other:	\$	
3.	Construction Cost:	\$	1,426,000
4.	Architectural/Engineering Fees:	\$	156,860
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	
8.	Contingencies:	\$	107,140
9.	Other:	\$	
		\$	
	TOTAL COST	\$	1,690,000
	Less Other Funds Available		
	Source	\$	
	STATE FUNDS REQUIRED	\$	1,690,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( <u>NA</u> )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM ( <u>NA</u> )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM ( <u>NA</u> )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

\*Note Rationale for Selection of a Particular Alternative on previous page.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

UNIVERSITY SYSTEM MAINTENANCE

MONTANA STATE UNIVERSITY

- \* Johnson Hall Brick Repair
- \* Wilson Hall Brick Repair

\$ 144,000  
220,000

MONTANA TECH

- \* Steam and Condensate Lines

65,000

UNIVERSITY of MONTANA

- \* Replace or Rebuild Steam Valves and Traps
- \* Repair Lab Waste Systems
- \* Correct Various Temperature Control Problems
- \* Fire Safety and OSHA Modifications
- \* Elevator Repairs and Modifications
- \* Update Absolute Fire Hydrants
- \* Upgrade Campus Lighting and Signs
- \* Upgrade Electrical Distribution System
- \* Repair and Expand Sidewalks and Drives
- \* Repair Bannisters and Replace Carpet, Library
- \* Complete Campus Fire Alarm Automation

107,000  
17,000  
136,000  
270,000 (\$120,000 recommended for funding)  
22,000  
50,000  
22,000  
61,000  
216,000  
47,000  
90,000

WESTERN MONTANA COLLEGE

- \* Complete Steam and Electrical Distribution System Replacement

223,000

UNIVERSITY SYSTEM MAINTENANCE

TOTAL REQUEST

\$1,690,000

- \* Recommended fur funding in the Capital Construction Program.

NOTE: In addition to the projects in the preceding list recommended fur funding, the Davey Addition Ceiling Completion at Northern Montana College costing \$11,000 has been included in the program. While this particular project was not part of the Board of Regents' priority list shown above, it was recognized by the Regents' in a later, lower priority maintenance request.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Mechanical Improvements, 3 Armories  
 Project Priority 5  
 Biennium 1983 - 1985

Department Military Affairs  
 Agency/Program Army National Guard

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility  
☒ ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other

## B. LOCATION: Armories - Miles City, Billings, Bozeman

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The three armories are 20 - 42 years old. At each location mechanical equipment requires immediate replacement since time and use have deteriorated it and repairs are no longer feasible. The equipment includes:

Furnace, Miles City  
 Heaters, Billings  
 Hot water tank, Bozeman.

## E. ALTERNATIVES CONSIDERED:

1. Replacement
2. Do nothing

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The items at each armory are either not functional, or on the "verge" of becoming not functional due to age and use.

## Impact on Existing Facilities:

Loss of heat and hot water.

## Rationale for Selection of a Particular Alternative:

1. Replacement per D above.

Number to be served by Facility: 60-150-150  
 Functional Space Requirements: (In square feet) 9,000 - 13,000 - 25,000

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT: \$13,000.00

Source of Estimate: \_\_\_\_\_ Contractors estimate \_\_\_\_\_

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ \_\_\_\_\_
4. Architectural/Engineering Fees: \$ \_\_\_\_\_
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ 13,000.00
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 13,000.00  
Less Other Funds Available  
Source \$ \_\_\_\_\_

STATE FUNDS REQUIRED \$ 13,000.00

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1 October 1983

Number of Additional Personnel Required N/A

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Repair and Replace Roofs  
 Project Priority 6  
 Biennium 1983 - 1985

Department Military Affairs  
 Agency/Program Amy National Guard

## A. THIS PROJECT:(Check One)

- ☐ Is an Original Facility  
☒ ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility  
☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION:

- Statewide  
☒ Site on Currently Owned Property  
☐ Utilities Already Available  
☐ Site to be Selected  
☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The roofs on the armories at Sidney and Glendive have deteriorated beyond repair and need to be replaced. At twelve other armory locations and 10 non-armory locations the roofs need a variety of repairs to prevent major damage to the roofs and contents.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Most of the buildings were built in the mid 50's and early 60's and most have "flat" roofs which have received some maintenance over the years. The roofs at Sidney and Glendive are currently leaking which is causing some interior damage. Replacement of the roofs is the only way to eliminate the problems. At other locations, the roofs require more than the minor maintenance currently being administered in order to prevent further damage and more costly repairs at a later date.

## E. ALTERNATIVES CONSIDERED:

1. Rebuild roofs completely
2. Patch and repair
3. Do nothing, let roofs leak and damage interiors.

## Impact on Existing Facilities:

Extend life expectancy of the structure and reduce maintenance costs.

## Rationale for Selection of a Particular Alternative:

Alternative #1 was chosen at Sidney and Glendive because the roofs are beyond repair. At all other locations Alternative #2 was chosen because the condition of the roofs indicate that proper repair and maintenance will extend the life of the existing roofs most economically.

Number to be served by Facility: Varies

Functional Space Requirements: (In square feet) N/A

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	174,000
4. Architectural/Engineering Fees:	\$	
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	
9. Other:	\$	
TOTAL COST	\$	174,000
Less Other Funds Available		
Source Federal (NGB)	\$	39,000
STATE FUNDS REQUIRED	\$	135,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: October 1983

Number of Additional Personnel Required N/A

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM (1983 - 1985)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM (1985 - 1987)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM (1987 - 1989)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

**LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST  
GENERAL NARRATIVE MATERIAL**

ROOF REPLACEMENTS

The Sidney and Glendive Armories were identified as being in the poorest condition of all the Armories during a recent survey. Repairing is impractical due to the extensive deterioration which has taken place. The only possibility to salvage these buildings is to rebuild the roofs. Continued minor repairs only put off the project and increases the chance of extensive interior damage.

ROOF REPAIRS

Roof repairs and maintenance other than "minor" are required at numerous National Guard facilities throughout the State of Montana to include:

12 armory locations

Helena  
Fort Harrison  
Helena Airport  
Glasgow  
Plentywood  
Malta  
  
Butte  
Anaconda  
Missoula  
Lewistown  
Hamilton  
Bozeman

10 non-armory locations

Helena (CSMS)  
Helena (AASF)  
Helena (USPFO)  
Kallispell  
Missoula  
Helena (OMS 3)  
  
Culbertson  
Belgrade  
Billings  
Chinook

The facilities at all locations statewide are from 10 - 25 years old, and at the stage where they require more than "minor" maintenance such as the repair of loose roofing, flashings, blisters, low spots, seal coat, etc.

Project Title Street Improvements, Anaconda Armory  
 Project Priority 7  
 Biennium 1983 - 1985

Department Military Affairs  
 Agency/Program Army National Guard

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: Anaconda

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The Anaconda Industrial Park is currently being developed in the vicinity of the Armory. The SID will include improvements in the entire area and this project will provide the State's share of funding required for the Armory property.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Anaconda Armory adjoins a commercial special improvement district presently in the progress of being developed. Armory property must be included for asphalt pavement, curbs, gutters, etc. to preclude improper drainage, unsightly appearance, poor image, etc.

## E. ALTERNATIVES CONSIDERED:

1. Participate in improvements
2. Postpone, do later, at a higher cost
3. Do nothing

## Impact on Existing Facilities:

Armory is within a commercial development area which is presently becoming improved with asphalt paving, curbs, gutters, etc. Armory grounds detract from general area.

## Rationale for Selection of a Particular Alternative:

1. Participate in governments to preclude D above, and higher costs at a later date.

Number to be served by Facility: 75Functional Space Requirements: (In square feet) 9000

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Engineer for SID

1.	Land Acquisition:	\$	_____
2.	Preliminary Expenses	\$	_____
	Site Survey:	\$	_____
	Soil Testing:	\$	_____
	Other:	\$	_____
3.	Construction Cost:	\$	18,000.00
4.	Architectural/Engineering Fees:	\$	1,000.00
5.	Utilities:	\$	_____
6.	Landscaping & Site Development:	\$	_____
7.	Equipment:	\$	_____
8.	Contingencies:	\$	_____
9.	Other	\$	_____
		\$	_____
	TOTAL COST	\$	19,000.00
	Less Other Funds Available		_____
	Source	\$	_____
			_____
	STATE FUNDS REQUIRED	\$	19,000.00

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1983

Number of Additional Personnel Required N/A

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( _____ )	Personal Services	\$	_____
	Operating Expenses	\$	_____
	Maintenance Expenses	\$	_____
2nd BIENNIUM ( _____ )	Personal Services	\$	_____
	Operating Expenses	\$	_____
	Maintenance Expenses	\$	_____
3rd BIENNIUM ( _____ )	Personal Services	\$	_____
	Operating Expenses	\$	_____
	Maintenance Expenses	\$	_____

## CAPITAL PROJECT REQUEST

Project Title Energy Retrofit, State FacilitiesProject Priority BBiennium 1983 - 1985Department Administration  
Agency/Program Architecture and Engineering Division

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☐ Renovates an Existing Facility☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility☒ Other Will analyze and retrofit existing structuresB. LOCATION: State buildings throughout Montana

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available☐ Site to be Selected ☒ Access Already Available☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

This project continues a program for determining the relative energy efficiency of the major buildings belonging to the State of Montana. An existing energy audit study provides a guide for selecting the buildings on which to perform a complete and thorough energy conservation analysis including alternatives based upon life cycle costs. In addition to the analysis, this project will provide a means to monitor future energy consumption as well as retrofit existing buildings to reduce energy demands and subsequent costs (reports are available at the Architecture & Engineering Division).

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The state is facing increasing energy problems in its facilities. The ever increasing cost of fuel and consumption of energy emphasizes the need to establish energy conservation control measures in new construction as well as in existing buildings. Therefore, there is a critical need to fully implement a plan which will logically review and determine the most economical use of energy, resources and structures. This, of course, requires analysis, monitoring and retrofit

## E. ALTERNATIVES CONSIDERED:

1. Do not consider retrofit as an appropriate energy conservation subject and apply conservation measures only to new construction.
2. Provide retrofit at a level below \$1,200,000. While the overall program time and costs will be extended, the biennial funding requirements will be lower.
3. Propose a larger budget request for retrofit which would decrease overall program time but increase biennial funding requirements.

## Impact on Existing Facilities:

Existing facilities that prove to be the most inefficient from an energy standpoint will be prioritized for a complete evaluation through which corrective measures can be initiated for increased efficiency.

## Rationale for Selection of a Particular Alternative:

If long range planning is considered, it is apparent that the most efficient and effective solution to the total problem is any alternative that addresses retrofit. Since it is an extensive, multimillion dollar project, the funding level each year naturally has to be dependent upon available funds. Therefore, with the funding limitations foreseen in the next biennium, the option as requested appears to be the most logical solution.

Number to be served by Facility: State of MontanaFunctional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering Division

- Land Acquisition: \$ \_\_\_\_\_
- Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
- Construction Cost: \$ 990,000.00
- Architectural/Engineering Fees: \$ 108,900.00
- Utilities: \$ \_\_\_\_\_
- Landscaping & Site Development: \$ \_\_\_\_\_
- Equipment: \$ \_\_\_\_\_
- Contingencies: \$ 101,100.00
- Other: \$ \_\_\_\_\_

TOTAL COST \$ 1,200,000.00  
Less Other Funds Available  
Source \$ \_\_\_\_\_

STATE FUNDS REQUIRED \$ 1,200,000.00

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: April 1985

Number of Additional Personnel Required \_\_\_\_\_

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ -0-

Operating Expenses \$ decrease

Maintenance Expenses \$ decrease

2nd BIENNIUM (1985 - 1987)

Personal Services \$ -0-

Operating Expenses \$ decrease

Maintenance Expenses \$ decrease

3rd BIENNIUM (1987 - 1989)

Personal Services \$ -0-

Operating Expenses \$ decrease

Maintenance Expenses \$ decrease

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The project currently funded has provided an initial list of the relative energy efficiency of many state facilities. From this listing, facilities have been selected for further in-depth study including the development of alternative methods of energy conservation and the investigation of each as to its life cycle cost. At this point, information regarding projected inflation was applied to the alternatives to determine the probable number of years required for payback. Obviously, not all the corrective measures have proved out economically, as some had a minimal percentage of energy savings compared to initial cost and payback, but the information is at least available for an intelligent decision making process regarding retrofit possibilities.

It is important that all parameters be used in assigning priorities to building for complete evaluation including total energy used, energy per square foot used, degree days, type of building and construction, type of mechanical system and type of fuel. With this initial program and its priority list of facilities, further evaluation can produce valid results for continuation of the energy program and subsequent retrofit. (A report on the Energy Conservation Project funded in previous bienniums is available at the Division of Architecture & Engineering).

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Original Governor's Mansion Improvements  
 Project Priority 9  
 Biennium 1983 - 1985

Department Administration  
 Agency/Program General Services Division

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Original Governor's Mansion

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The Original Governor's Mansion has been classed as an historic structure warranting restitution and preservation. It is currently used as a museum and has become a tourist attraction in the Helena area. It has been furnished with many irreplaceable antique furnishings and fixtures.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

An engineering firm has studied the condition of the building's wiring and has found "in its present condition presents a significant hazard for shorting with subsequent possibility of fire." The wiring should be re-done with consideration to the historic nature of the building, avoiding exposed molding.

A historic architect studied the exterior of the building and identified several moisture related problems which should be corrected as soon as possible to prevent further damage. Projects would include new rain gutters and downspouts, an effective means of moving water from the building, moisture protection and other related projects. During the recent hail storm, the exterior of the building suffered damage to the roof and paint, these should be re-done.

## E. ALTERNATIVES CONSIDERED:

Fund the projects and preserve the structure as an historical building and prevent further damage. All of the work should be accomplished as soon as possible to avoid escalating costs and to prevent any additional damage which would eventually need repair (probably more costly and extensive than these projects).

Do not fund the projects and allow the structure to remain in its present condition. Repair each problem as it reaches a critical point in the building's life.

## Impact on Existing Facilities:

Preserve the quality of the structure and its historic value. Prevent any further deterioration from the weather and protect the building from fire resulting from faulty wiring.

## Rationale for Selection of a Particular Alternative:

This is an historic structure that should be maintained to avoid deterioration. The contents of the house should also be protected from damage resulting from poor exterior maintenance. (i.e., moisture protection).

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A

# CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Engineer's Estimate & Department of Admin., Personnel

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other:	\$	
3.	Construction Cost:	\$	80,500.00
4.	Architectural/Engineering Fees:	\$	
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	
8.	Contingencies:	\$	
9.	Other:	\$	
	TOTAL COST	\$	80,500.00
	Less Other Funds Available		
	Source	\$	
	STATE FUNDS REQUIRED	\$	80,500.00

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: November 1983

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ -0-

Operating Expenses \$ -0-

Maintenance Expenses \$ -0-

2nd BIENNIUM (1985 - 1987)

Personal Services \$ -0-

Operating Expenses \$ -0-

Maintenance Expenses \$ -0-

3rd BIENNIUM (1987 - 1989)

Personal Services \$ -0-

Operating Expenses \$ -0-

Maintenance Expenses \$ -0-

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST  
GENERAL NARRATIVE MATERIAL

ORIGINAL GOVERNOR'S MANSION

MAINTENANCE PROJECTS

MANSION:

Tear off existing roof and install new wood shingle roof.  
Install new gutters and downspouts.  
New electrical wiring for the entire building.  
Paint exterior of mansion.  
Misc. moisture protection projects.

\$10,500.00  
1,800.00  
50,000.00  
6,700.00  
1,500.00

\$70,500.00

CARRIAGE HOUSE:

Tear off existing roof and install new wood shingle roof.  
Paint exterior of carriage house.  
Remove metal chimney flue and cap chimney.  
Misc. moisture protection projects.

\$ 5,900.00  
2,600.00  
500.00  
1,000.00

\$10,000.00

TOTAL:

\$80,500.00

Project Title Land Acquisition and Grounds Improvements  
Project Priority 10  
Biennium 1983 - 1985

Department Administration  
Agency/Program General Services

A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Capital Complex Land Acquisition & Grounds Improvements  
Capital Complex - Helena

B. LOCATION:

- (Check where appropriate)  
☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☒ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

Land bordering the Capitol Complex as described in the General Narrative section. Landscape improvements throughout the Capitol Complex.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Provide land for proposed new buildings and parking facilities north of the Capitol Complex. Complete ownership of areas currently surrounded by State property. Provide improvement to the undeveloped Capitol Complex property, such as landscaping, sidewalk and ground sprinkling. Improve poorly landscaped areas of the Capitol Complex with sprinklers, replace dead/dying shrubbery, etc.

E. ALTERNATIVES CONSIDERED:

Land Acquisition: 1. Use funds available in the Capitol Building Federal Private Revenue Account #04120.  
2. Purchase land and buildings indicated, as the property is placed on the market.

Grounds Improvements: 1. Fund this project and improve existing facilities and replace outdated equipment with Capitol Building Federal Private Revenue Account #04120.  
2. Do not fund this project and allow the Capitol Complex to remain as it is.

Impact on Existing Facilities:

This will complete the Capitol Complex Land Acquisition of the area North of the Capitol as recommended in the 1972 Capitol Complex Long Range Development Plan. Continued landscaping will improve existing facilities.

Rationale for Selection of a Particular Alternative:

A reduced program level for Land Acquisitions is required due to the uncertainty of when land becomes available for purchase. However, limited funds are required for these purchases when the properties are committed. Moneys that are not used for land acquisitions will be applied toward ground improvements on the Capitol Complex. \*(Recommended funding is \$291,000.)

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate:	1980 Appraisal plus inflation factors
1. Land Acquisition:	\$ 1,153,806
2. Preliminary Expenses	\$
Site Survey:	\$
Soil Testing:	\$
Other:	\$
3. Construction Cost:	\$
4. Architectural/Engineering Fees:	\$
5. Utilities:	\$
6. Landscaping & Site Development:	\$ 780,000.00
7. Equipment:	\$
8. Contingencies:	\$
9. Other Demolition	\$ 15,000
	\$
TOTAL COST	\$ 1,948,806
Less Other Funds Available	
Source	\$
STATE FUNDS REQUIRED	\$ 1,948,806

\* Project recommended for funding at a reduced program level.

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date:	June 1985
Number of Additional Personnel Required	-0-
Additional Funds Required when Project is in Full Operation:	
1st BIENNIUM (1983 - 1985)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM (1985 - 1987)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM (1987 - 1989)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

## GENERAL NARRATIVE MATERIAL

<u>Priority &amp; Location</u>	<u>1978 Appraisal</u>	<u>1982 Estimate</u>	<u>Total Per Priority</u>
1. 3/4 interest in lots 9 thru 16 inclusive and the adjacent closed portion of Hams St. all in Block 35 of the C.W. Cannon Addition to the City of Helena		\$ 61,500.00	
1232 Sixth Avenue	\$250,000.00	327,900.00	
1400 Eighth Avenue	120,000.00	157,000.00	
1404 Eighth Avenue	56,000.00	68,900.00	\$620,000.00
2. 1228 Eighth Avenue	48,000.00	59,000.00	
405 Washington Drive	60,000.00	73,800.00	
408 Washington Drive	48,000.00	59,000.00	
428 Washington Drive	52,000.00	64,000.00	273,200.00
3. 1239 Ninth Avenue	50,000.00	65,700.00	
1301 Ninth Avenue	48,000.00	63,000.00	
1302 Ninth Avenue	56,100.00	73,700.00	
1236 Ninth Avenue	44,300.00	58,206.00	260,606.00
TOTAL:			\$1,153,806.00

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Building Modifications - 820 Front Street Department Administration  
 Project Priority 11 Agency/Program General Services  
 Biennium 1983 - 1985

## A. THIS PROJECT:(Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: 820 Front Street - Old Liquor Warehouse

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

820 Front Street is the Old Liquor Warehouse Building - it now houses the Central Stores Surplus Property Bureau and the Publications and Graphics Division of the Department of Administration.

## E. ALTERNATIVES CONSIDERED:

- These projects should be funded to update the building and accommodate its new use:
1. The new electrical needs of the building should be met by installing additional electrical service to avoid the dangers of overloading the existing system.
  2. The roof drain system should by-pass the sump pump to protect the basement from flooding.
  3. The asphalt flooring should be removed from the warehouse spaces. The flooring adds to the dust problem and does not lend itself to the maintenance level required for storage of paper goods. Continued...Gen. Narrative...

## Impact on Existing Facilities:

The building will become more efficient in use and the flooding potential will be eliminated if the proposed work is done.

## Rationale for Selection of a Particular Alternative:

The recommended funding level is aimed at resolving the moisture problem in the West and South basement walls and at by-passing the sump pump by connecting the buildings roof drain system directly to the city storm sewer system. Other items were not included because of possible changes in building occupancy. The recommended funding is \$20,000.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

- The building has several problems that need to be addressed:
1. Overloading of original electrical power supply by new printing equipment.
  2. Storm drainage system, posing a potential flooding problem in the basement.
  3. Asphalt flooring, adding to the dust problem in the warehouse sections of the building.
  4. Moisture seepage thru the West and South basement walls, also posing a potential flood problem in the basement.
  5. The 1st floor of the building is not accessible to the handicapped. See General Narrative...

Number to be served by Facility: All building occupants.

Functional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Various personnel in the Dept. of Administration

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 60,000.00
4. Architectural/Engineering Fees: \$ \_\_\_\_\_
5. Utilities: \$ 150,000.00
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 210,000.00  
Less Other Funds Available  
Source \$ \_\_\_\_\_

STATE FUNDS REQUIRED \$ 210,000.00

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: December 1983

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM: (1983 - 1985)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

2nd BIENNIUM: (1985 - 1987)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

3rd BIENNIUM: (1987 - 1989)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

820 Front Street

D. Continued

The building space was remodeled from warehouse space to a print shop and office areas. This remodeling did not include any additional electrical service. When the building served as the Liquor Warehouse, the electrical demand was low. The printing equipment places a high electrical demand on the existing system which could create a potentially dangerous overboarded situation. To accommodate any future growth in the building and to better serve the existing demand, additional electrical service should be installed to the building. With the addition of larger office space for the Central Stores Surplus Property Bureau and the expansion of the Mail Messenger Service, the electrical demands have increased to a level which requires immediate attention.

When the building was utilized as a Liquor Warehouse, the asphalt floors served well. The maintenance level was low and the physical demands on the flooring were high. Fork lifts and other machinery did not affect the flooring. Since the use of the building has changed, the maintenance levels for the space have increased. Central Stores Surplus Property uses the space for storage of paper goods and other items which are not in crates or boxes. The flooring creates a dust problem which is unacceptable for the materials stored in the area. This particular asphalt floor cannot be sealed from the dust because it is not a hard surfaced floor, therefore any coating would crack and peel off with use. The flooring should be removed and the concrete floor underneath should be finished and sealed for maximum use of the space. Another problem not related to building function is the existing storm drainage system. The roof drain empties into a sump beneath the basement, then the water is pumped out of the building to the storm system in Front Street. During periods of excessive rain, the system is not capable of handling large quantities of water, causing flooding in the basement. With the danger of flooding, the basement becomes unusable space. The sump pump should be by-passed.

An important issue that should be addressed are the South and West walls of the basement which are seeping moisture thru, thus presenting potential flooding and structural problems. The cause for this moisture is probably rain water that runs under the loading dock forming ponds there and consequently finding its way through the wall to the basement. The problem is likely to be resolved by sealing off the area where water enters the pocket under the docks.

E. 4. Continued.

4. Eliminate the wall moisture problem in order to keep the structure sound and the basement dry.
5. Construct a handicap ramp to service the 1st floor of the building.

Project Title Miscellaneous Building Improvements, Capitol Complex  
Project Priority 12  
Biennium 1983 - 1985

Department Administration  
Agency/Program General Services

A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: Various buildings at the Capitol Complex

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

1424 9th Avenue - Department of Commerce  
1300 11th Avenue - Office of Public Instruction  
1539 11th Avenue - Department of Institutions  
Old Board of Health Building  
Old Livestock Building  
Capitol Annex Building

E. ALTERNATIVES CONSIDERED:

1. Request funding for these projects to comply with the current handicapped codes and regulations and improve efficiency in use and energy consumption. This would allow these office buildings to serve all occupants and house new functions.
2. Do nothing and continue to operate these buildings with little consideration for the handicapped. This alternative also reduces the possibility of occupying some office buildings as planned because they would not be able to accommodate specifically needed functions.

Impact on Existing Facilities:

Allow handicapped individuals to utilize these buildings. Since they house public offices, these buildings should be accessible to all individuals.

Rationale for Selection of a Particular Alternative:

These office buildings have numerous architectural features (i.e., stairs at the entry, split level entry, etc.) which create barriers for handicapped individuals either working in the building or attempting to visit the State Agency housed there. Alternative No. 1 removes these barriers and provides the possibility of adapting the existing spaces to a new specific usage.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The six buildings listed are not accessible to the handicapped and some of them require miscellaneous renovations for an improved efficiency in use and energy consumption. The program includes the construction of building access and elevators, modifications to restrooms, general interior remodeling and energy retrofiting. Each building should be studied individually so that these projects can only enhance the existing structure.  
See General Narrative material..

Number to be served by Facility: \_\_\_\_\_

Functional Space Requirements: (In square feet) \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Various personnel in the Dept. of Administration

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 600,000.00
4. Architectural/Engineering Fees: \$ \_\_\_\_\_
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 600,000.00  
 Less Other Funds Available  
 Source \$ -0-

STATE FUNDS REQUIRED \$ 600,000.00

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: July 1984

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_  
 Operating Expenses \$ \_\_\_\_\_  
 Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_  
 Operating Expenses \$ \_\_\_\_\_  
 Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_  
 Operating Expenses \$ \_\_\_\_\_  
 Maintenance Expenses \$ \_\_\_\_\_

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

- 1424 9th Avenue.....Building access and elevator - 2 floors
- \*1300 11th Avenue.....Building access and elevator - 2 floors  
Interior remodeling of restrooms and other architectural barriers.
- \*1539 11th Avenue.....Building access and elevator - 4 floors  
Interior remodeling of restrooms and other architectural barriers.
- Old Board of Health.....Building access and elevator - 3 floors  
Interior remodeling of restrooms and other architectural barriers.
- \*Old Livestock.....Building access and elevator - 3 floors  
Interior remodeling of restrooms and other architectural barriers.  
General remodeling to accommodate agency needs and/or energy retrofit.
- Capitol Annex.....Building access ramp.

\*Priority project

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Renovate Off-Site Museum Storage Building  
 Project Priority 13  
 Biennium 1983 - 1985

Department Education  
 Agency/Program Montana Historical Society

## A. THIS PROJECT: (Check One)

- \_\_\_ Is an Original Facility ☒ Renovates an Existing Facility  
 \_\_\_ Is an Addition to an Existing Facility \_\_\_ Replaces an Existing Facility  
 \_\_\_ Other

## B. LOCATION:

Old Highway Complex  
Helena, Montana

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
 \_\_\_ Site to be Selected \_\_\_ Access Already Available  
 \_\_\_ Site Already Selected

## C. DESCRIPTION OF FACILITY:

### General Description:

The Society is leasing a 7,200 cubic feet storage building at the old Highway Complex from the Department of Highways. This request is for funds to do some renovation and modification to the existing building so that the building will provide adequate, secure storage space for bulky, low value items from the Society's collections.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Society is charged by statute to collect and preserve items from all areas of historic significance to the State. The lack of adequate storage space has forced the Society to ignore some areas in its collections development policy that are especially important to Montana's history. These areas are agriculture, woolgrowing, stock-growing, mining and include artifacts such as mining dredges, ore cars, steam tractors and other large equipment items. It is necessary to acquire these items so that we truly represent all aspects and can make these areas accessible to the public.

## E. ALTERNATIVES CONSIDERED:

1. The construction of storage facilities adjacent to the existing building. This would be a high cost alternative and a poor utilization of expensive space on the capital complex.
2. Purchase land at another site and build.

### Impact on Existing Facilities:

It will relieve some of the storage space needs in the existing facilities but will be mainly used by the Museum program.

### Rationale for Selection of a Particular Alternative:

The alternative we chose would utilize an existing building on a site already owned by the state and would be a relatively low cost solution.

Number to be served by Facility: 50 employees; 110,000 visitors annually

Functional Space Requirements: (In square feet) 7,200

LUNG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 23,000
4. Architectural/Engineering Fees: \$ \_\_\_\_\_
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 2,300
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 25,300  
Less Other Funds Available  
Source \_\_\_\_\_

STATE FUNDS REQUIRED \$ 25,300

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1983

Number of Additional Personnel Required \_\_\_\_\_

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ Negligible  
Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ Negligible  
Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ Negligible  
Maintenance Expenses \$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Chemistry Laboratory Restoration Department Health & Environmental Sciences  
 Project Priority 14 Agency/Program 04 Laboratory Services  
 Biennium 1983 - 1985

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: Cogswell Building, Helena, Montana  
Corner of Roberts & Lockey Streets

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Chemistry Laboratory of DHES, rooms B211, 212, 217 and the Blockhouse. All located in the Cogswell Building. The restoration of original fixed laboratory equipment and completion of rooms allocated to the laboratory during the 1979-1981 biennium is requested. Current activities of the lab would be facilitated and safety hazards eliminated. (See General Narrative) Future expansion is not contemplated. Utilities present in the laboratory would need to be extended.

Impact on Existing Facilities:

None

Number to be served by Facility: 6-10 employees.

Functional Space Requirements: (In square feet) N/A

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Chemistry Lab. is located in a facility finished in 1955 which has at least partially been serving as a laboratory ever since. The original fixed equipment was moved over from the old Board of Health Bldg. at that time and its age is unknown. During the course of the last 27+ years time and the work of the lab have taken their toll on the fixed equipment to the point that repair and renovation have become a necessity for some parts of the laboratory. In another part of the facility rooms were allocated during the 1979-1981 biennium to take care of needed space for additional work of the lab. While these rooms were added to take care of a dangerous work situation, no provisions were made for laboratory benches or for utilities necessary to the laboratory (cont. Gen. Narrative)

## E. ALTERNATIVES CONSIDERED:

Other alternatives considered included:

1. Renovating only the original (1955) part of the laboratory and the block house ramps at a cost of \$17,400.
2. Renovating the original part of the laboratory and adding the plumbing, wiring and benches to Room B217 at only a cost of \$27,450.
3. Fund the improvements at an increased level to reflect the additional work of replacing the flooring in the Chemistry laboratory.

Rationale for Selection of a Particular Alternative:

The entire project is requested because it addresses all current problems that will continue and increase in the coming bienniums, and allow flexibility for future unknown program changes. The funding of improvements at an increased level is recommended to resolve the very critical flooring problem in the Chemistry lab in addition to the other mentioned requests. The recommended funding is \$119,000.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1. Land Acquisition:	\$	_____
2. Preliminary Expenses	\$	_____
Site Survey:	\$	_____
Soil Testing:	\$	_____
Other:	\$	_____
3. Construction Cost:	\$	<u>15,300</u>
4. Architectural/Engineering Fees:	\$	<u>5,500</u>
5. Utilities:	\$	_____
6. Landscaping & Site Development:	\$	_____
7. Equipment:	\$	<u>30,400</u>
8. Contingencies:	\$	_____
9. Other	\$	_____
TOTAL COST	\$	<u>51,200</u>
Less Other Funds Available		_____
Source	\$	_____

STATE FUNDS REQUIRED \$ 51,200

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1985

Number of Additional Personnel Required

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( -0- )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM ( -0- )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM ( -0- )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

\* Project recommended for funding at increased program level. See previous page.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

D. (Continued) ...work and this situation needs to be remedied. In addition, Halon fire extinguishers and ramps for the Blockhouse storage units are needed for the safety of laboratory personnel. All work of this project addresses current program needs. Consequences of postponing or disapproving the project are further accelerated deterioration and continued hazardous work situations for personnel.

Work that is requested on the original part of the laboratory is designed to restore operating conditions that have been deteriorating rapidly in the last four years. Chronic leakage in the sinks involve more than water, evidenced by the rusting through of the supporting cabinets. Similarly the bench tops have been used beyond their projected life expectancy and have reached a point where their replacement is necessary. The flooring has also deteriorated, presenting a constant safety hazard. Its replacement is imminent, to prevent accident.

Work in Rooms B212 and 217, and the Blockhouse, are requested to eliminate dangerous situations and to facilitate current programs. The rooms were put into use because of congestion and overcrowding of instruments, analyses, etc. in the original laboratory rooms, but the working situation remains hazardous when ungrounded outlets, insufficient circuits, sinks for waste, etc. are not available in the direct laboratory situation. This work will facilitate a better utilization of allocated space for which the laboratory is paying rent but which is not used to its fullest capacity due to facilities constraints. In essence, the space was authorized and funded, but no provision was made to adequately equip it.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title Fire Sprinkling & Detection Systems  
Project Priority 15  
Biennium 1983 - 1985

Department Institutions  
Agency/Program Warm Springs/Caden State Hospital & Boulder River School & Hospital

- A. THIS PROJECT: (Check One)  
☐ Is an Original Facility  
☒ X Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility  
☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: Warm Springs Campus & Boulder Campus

(Check where appropriate)

☒ X Site on Currently Owned Property  
☐ Site to be Selected  
☐ Site Already Selected  
☒ X Utilities Already Available  
☒ X Access Already Available

C. DESCRIPTION OF FACILITY:

General Description:

This project would install a fire sprinkling system and/or fire detection system in eleven buildings on the Warm Springs campus and in one building on the Boulder campus. See the General Narrative Sheet for a complete listing of the buildings.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Lack of sprinkler and detection system jeopardizes the life/safety of patients, staff, and visitors as well as the hospital physical plant.

E. ALTERNATIVES CONSIDERED:

1. Do nothing
2. Install systems
3. Fund the improvements at a reduced level to reflect available revenues and prioritize the individual projects in order to correct the most serious deficiencies.

Impact on Existing Facilities:

Proposed project would add greatly to patient, staff, and visitor safety. In addition, such a system would provide significant greater protection to the hospital physical plant and equipment.

Rationale for Selection of a Particular Alternative:

Phasing the project over subsequent bienniums was recommended by the Department of Institutions and appears to be the most logical alternative considering funding limitations and potential program changes at both campuses. The recommended funding of \$156,830 includes \$142,830 for improvements at Warm Springs and \$13,000 for improvements at Boulder.

Number to be served by Facility: All building occupants

Functional Space Requirements: (in square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering Division

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	522,182.00
4. Architectural/Engineering Fees:	\$	46,996.00
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	40,622.00
9. Other:	\$	
	\$	
	\$	
TOTAL COST	\$	609,800
Less Other Funds Available		
Source	\$	
STATE FUNDS REQUIRED	\$	609,800

\*Project recommended for funding at reduced program level

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1984

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( None )

Personal Services \$

Operating Expenses \$

Maintenance Expenses \$

2nd BIENNIUM ( None )

Personal Services \$

Operating Expenses \$

Maintenance Expenses \$

3rd BIENNIUM ( None )

Personal Services \$

Operating Expenses \$

Maintenance Expenses \$

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

WARM SPRINGS/GALEN

During the last two years there have been four major fires in three different buildings on the Warm Springs Campus. These fires have resulted in over \$100,000 in property damage. Fortunately, no one has been injured. If the requested systems had been installed during this time, the fire fighter response would have been much faster, and the overall cost of damage would have been significantly less.

The buildings in need of a sprinkler system are:

A. 1.	Receiving Hospital	68,000 sq.ft.
2.	Multi-Purpose	21,200 sq.ft.
A. 3.	Laundry	9,200 sq.ft.
4.	Warren	41,540 sq.ft.
5.	Intake	16,840 sq.ft.
6.	Maximum Security	14,743 sq.ft.
7.	Spratt	17,650 sq.ft.
A. 8.	Pintlar	6,840 sq.ft.
9.	Bakery	4,920 sq.ft.
A. 10.	Food Center & Activities	32,191 sq.ft.
		<hr/>
		233,124 sq.ft.

A. These areas also need fire detection systems, and the cost of same has been included in the estimate.

BOULDER

The existing fire alarm system does not include coverage of Cottages 16AB and 16C. Completion of the project will provide fire protection to the sleeping and living areas, and thus reduce the hazard to residents and State property.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title Construct Portico  
Project Priority 16  
Biennium 1983 - 1985

Department Institutions  
Agency/Program Center for the Aged

A. THIS PROJECT:(Check One)  
☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_  
B. LOCATION: Attached to the existing facility.

(Check where appropriate)  
☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☒ Site Already Selected

C. DESCRIPTION OF FACILITY:  
General Description:  
  
The existing outdoor parking area for State owned vehicles where residents are loaded and unloaded for transportation to and from the hospital, activity programs and other health care facilities is uncovered and exposed to inclement weather. The proposed portico would provide shelter to residents from rain and snow as well as reduce the hazard of slipping on wet or icy pavement.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:  
  
Currently, residents many of whom are medically frail and in their 70-80's are loaded and unloaded from State vehicles in an area that is unprotected from rain or snow. This project would reduce the potential for slipping on wet or icy pavement as well protecting State vehicles during inclement weather.

E. ALTERNATIVES CONSIDERED:  
  
1. Build an attached garage to the facility.  
2. Build a covered loading/unloading area  
3. Do nothing

Impact on Existing Facilities:  
  
The protection offered by the porte-cochere' would reduce a serious health and safety hazard. Additionally, protection would be provided for State vehicles and thus reduce maintenance and replacement cost for these vehicles.

Rationale for Selection of a Particular Alternative:  
  
Alternative #2 is the most economical and realistic while still solving the problem.

Number to be served by Facility: 180 residents  
Functional Space Requirements: (In square feet) 6000

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	51,000.00
4. Architectural/Engineering Fees:	\$	3,825.00
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	5,351.00
9. Other	\$	
TOTAL COST	\$	60,176.00
Less Other Funds Available		
Source	\$	
STATE FUNDS REQUIRED	\$	60,176.00

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1984

Number of Additional Personnel Required - 0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ None

Operating Expenses \$

Maintenance Expenses \$

2nd BIENNIUM (1985 - 1987)

Personal Services \$ None

Operating Expenses \$

Maintenance Expenses \$

3rd BIENNIUM (1987 - 1989)

Personal Services \$ None

Operating Expenses \$

Maintenance Expenses \$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Paint Shop Modifications  
 Project Priority 17  
 Biennium 1983 - 1985

Department State Lands  
 Agency/Program Forestry Division

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: Equipment Development Center  
Forestry Division Complex -- 2705 Spurgin Road, Missoula, MT

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Paint Room modification to Equipment Development Center that would meet OSHA requirements.

## E. ALTERNATIVES CONSIDERED:

The Division has been sanding vehicles in the Paint Room and has been painting outdoors in the belief that this met health and safety requirements. The sanding dust, however, is also covered under this section. Painting has been scheduled outdoors, and we can keep up our scheduled production. Both painting and sanding, however, cannot.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Equipment Development Center converts excess military equipment into forest firefighting units. It is absolutely necessary that this equipment be painted. (Federal requirements to paint and identify).

Paint Room is in violation of Subsection (5) 1910.107(d)(2) of Section 24,30.102 Administrative Rules of Montana (OSHA). Needs electrical modification and mechanical ventilation to remove flammable vapors, mists, and powders to a safe location.

State was issued a Notice of Violation on May 20, 1982.

## Impact on Existing Facilities:

Improved efficiency of Equipment Development Shop - Seven (7) employees directly involved.

## Rationale for Selection of a Particular Alternative:

Recommend installing proper ventilation and explosion proof equipment in the existing structure.

Number to be served by Facility: 25 to 30+ vehicles per year planned

Functional Space Requirements: (in square feet) No change

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Division of Forestry Personnel

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 50,600
4. Architectural/Engineering Fees: \$ 4,400
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ (Included in construction)
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_

TOTAL COST  
Less Other Funds Available  
Source \_\_\_\_\_

STATE FUNDS REQUIRED \$ 55,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: January 1984  
Number of Additional Personnel Required - 0-  
Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ 200  
Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ 400  
Maintenance Expenses \$ 200

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ 400  
Maintenance Expenses \$ 200

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

Under the fire programs of the Division of Forestry, its Equipment Development Center converts excess military equipment into fire-fighting tankers, water supply trucks, crew vehicles, etc., for both the State Direct Protection Program and the County Cooperative Program. Painting is an essential phase of this equipment conversion.

The Equipment Development Shop has been constructed in Missoula with room for painting, but current OSHA regulations require major modifications to this stall so that it meets their stringent safety requirements. The room is in violation of Subsection (5) 1910.107(d)(2) of Section 24,30.102 Administrative Rules of Montana. Needs mechanical ventilation to remove flammable vapors, mists and powders to a safe location.

The State was issued a Notice of Violation on May 20, 1982.

Currently, vehicles are painted out-of-doors. This is only possible when the weather is perfect. Scheduling painting to coincide with the limited amount of moisture, wind and dust free weather is not practical. We have contacted local Vo-Tech facilities for painting assistance and have been denied due to the heavy workload already being experienced by the Center. Painting facilities at other locations in Missoula are also lacking OSHA standards or do not have room for our work. Transporting this equipment outside of Missoula for painting is not feasible due to the manpower and fuel costs involved in such a move.

The Division has been sanding vehicles in the Paint Room and has been painting outdoors in the belief that this met health and safety requirements. The sanding dust, however, is also covered under this section. Painting can be scheduled out-of-doors and we can keep up our scheduled production. Both painting and sanding, however, cannot.

Recommend installing proper ventilation and explosion proof equipment.

Project Title Plan Business Administration Facility  
Project Priority 1B  
Biennium 1983 - 1985

Department Montana University System  
Agency/Program University of Montana

A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Planning

B. LOCATION:

Campus

(Check where appropriate)

- ☐ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

The three-story Business Administration Building is utilized by Business Education, an Education Department, and the School of Business and the Bureau of Business and Economic Research.

E. ALTERNATIVES CONSIDERED:

The purpose of this request is to obtain planning funds so that alternative solutions to the problem can be explored.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The School of Business is located in three different facilities on campus and all three are inadequate to serve this rapidly growing program.

Impact on Existing Facilities:

To reduce the overcrowding and the multiple locations to a single program.

Rationale for Selection of a Particular Alternative:

The alternatives are not easy ones and we did not feel we would explore them adequately without the aid of planning funds.

Number to be served by Facility: 1,800

Functional Space Requirements: (In square feet) N/A

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: University of Montana

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	
4. Architectural/Engineering Fees:	\$	50,000.00
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	
9. Other:	\$	
TOTAL COST	\$	50,000.00
Less Other Funds Available		
Source	\$	
STATE FUNDS REQUIRED	\$	50,000.00

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: N/A

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM ( )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM ( )	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

GENERAL NARRATIVE MATERIAL

The School of Business is a rapidly growing program; its ranks of students and faculty have swelled to the point that we have the program in three locations, the Business Administration Building, 724 Eddy and 626 Eddy. To accommodate the additional faculty anticipated in the fall of 1982, we have remodeled a conference room in 626 Eddy to house an additional four faculty. 626 Eddy is some distance from the other two facilities and with an expanding faculty, it is difficult to develop a cohesive unit when the offices are so dispersed.

A number of alternatives exist to solve this problem. One alternative is to relocate Business Education and assign that entire third floor of Business Administration to the Business School. To do that requires remodeling space elsewhere for Business Education and that is very costly because of the electrical cabling required to install the typewriters and other instructional equipment. Another alternative is to remove most of the classrooms on one floor from general classroom use and to remodel them to faculty offices. The impact on scheduling of classes would be substantial because most of those classrooms are in heavy demand for most of the day. It also would be possible to build a wing on the building. To adequately assess which option is most cost effective and can be best accommodated by the campus and its resources requires planning money.

Another problem with the current space is that the administrative offices of the Dean as well as the space occupied by the Bureau of Business and Economic Research are inadequate. The planning money would be used to explore the available options for these space problems as well as those faced by faculty and students.

The Business Administration Building was constructed in 1950. If in the planning process any changes are proposed to the exterior of this building, the detail will be reviewed with the Historic Preservation Office.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Plan Engineering/Physical Sciences Complex Department Montana University System  
 Project Priority 19 Agency/Program Montana State University  
 Biennium 1983 - 1985

**A. THIS PROJECT:(Check One)**  
☒ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☒ Replaces an Existing Facility  
☐ Other \_\_\_\_\_  
**B. LOCATION:** Main Campus

(Check where appropriate)  
☐ Site on Currently Owned Property ☐ Utilities Already Available  
☒ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

**C. DESCRIPTION OF FACILITY:**  
 General Description:  
 A program to build new/refurbish existing facilities to house portions of engineering & related physical sciences (math, physics, chemistry, computer science).

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The facilities housing portions of engineering, physics, & computer science are both obsolete and over-crowded. Those housing chemistry and mathematics are over-crowded and adequate classroom space doesn't exist.

## E. ALTERNATIVES CONSIDERED:

1. Remodel and add to Ryon Lab, expand the physics & chemistry buildings and build new lecture halls, either as project or separate.
2. Remodel & add to Ryon Lab only.
3. Replace Ryon Lab.
4. A combination of the above.
5. Conduct a detailed planning study of programs and facilities.

## Rationale for Selection of a Particular Alternative:

An in-depth study (A Charrette) involving many intere groups, disciplines & expertises indicated that detailed study is the most logical course of action.

## Impact on Existing Facilities:

Elimination of those that are uneconomically fir to remodel, update those that are, eliminate over-crowding of others.

Number to be served by Facility: 2000 students & 150 staff  
 Functional Space Requirements: (In square feet) 23,000 new - 50,000 remodel or replace.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: MSU Facilities Planning Office

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other:	\$	
3.	Construction Cost:	\$	
4.	Architectural/Engineering Fees:	\$	350,000
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	
8.	Contingencies:	\$	
9.	Other	\$	
TOTAL COST		\$	350,000
Less Other Funds Available			
Source		\$	
STATE FUNDS REQUIRED		\$	350,000

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: N/A

Number of Additional Personnel Required N/A

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( )		
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	
2nd BIENNIUM ( )		
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	
3rd BIENNIUM ( )		
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST  
GENERAL NARRATIVE MATERIAL

The facilities housing the College of Engineering and related physical sciences are woefully inadequate to house the programs and functions required to serve the needs of students, researchers, and the society that supports them. Much of the space was built when Webster defined "computer" as "one who computes" (Roberts Hall and the first part of Ryon Lab in 1922). More came on line (AJM Johnson which houses Physics and the second part of Ryon Lab) in 1953 when the computer was an oddity and the word Sputnik was only known to Russians. The construction of the last components (Gaines Hall which houses Chemistry in 1963 and Cobleigh Hall, a part of Engineering in 1970) witnessed the dawning of the space age.

Since that time, the advent of integrated electronics has combined computer signals with telephone and television signals into a single signal allowing for an entirely unimagined level of networking between learners and their sources of information. This networking can bring computers and libraries into the classroom, research labs, and dormitories (and even across the state!) at any time of the day.

In addition to this electronic explosion, there has been a parallel explosion in the numbers of learners over the years. The numbers of students has increased over 10 times since the first facility was constructed and has gone from 7,000 to 11,000 since the last building was opened. During this same period, Engineering enrollment more than doubled; some subfields - notably electrical engineering and computer science - have experienced even greater growth.

Along with this, our body of knowledge and technology has grown exponentially. New fields have opened that present our users--on-campus students and "consumers" across the state--with new opportunities. Terms such as "surface science" and "laser", unknown when Gaines was completed now are almost commonplace in the vocabulary of the teacher/researcher/student.

Our society's high technology industries (46% of which are located in the thirteen western states) provide tremendous opportunities for those who are adequately trained. It is incumbent upon Montana State University to be in the forefront of teaching and research in order that our youth be prepared to take their places in these industries and every effort is being made to do so.

Facilities which properly house these technologies, and can provide for future ones, form a major part of the environment required to discharge the responsibilities of a land grant school; education of the young, meaningful research and substantive service. Only the best is adequate.

The various buildings that now house them, however, are "then state-of-the-art" structures. It is the purpose of this design program to produce a facility plan that will rectify deficiencies that exist in space quality and quantity. It is also the intention that the ultimate structure(s) will be flexible to adapt to future teaching/learning/research technologies, will stimulate greater interaction among disciplines, and among students/teachers/researchers and citizen users, and provide for efficient and imaginative programs.

## CAPITAL PROJECT REQUEST

Project Title Construct Justice Academy/Forensic Science Building  
 Project Priority 20  
 Biennium 1983 - 1985

Department Department of Justice  
 Agency/Program Law Enforcement Academy/Div. of Forensic Science.

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Replaces 3 rented facilities

B. LOCATION: Bozeman

(Check where appropriate)

- ☐ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☒ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Law Enforcement Academy:

Classrooms, dormitory, basement firing range, offices, conference rooms. Will serve 120 students per cycle.

Division of Forensic Science:

Crime laboratory, morgue, autopsy room, offices, conference room, ballistics laboratory, data processing.

Highway Patrol Office (Bozeman area):

Office, file room, public reception area, public parking.

Driver Examiner Office (Bozeman area): Office, testing room, public reception

Impact on Existing Facilities:

Will eliminate costly rentals (Academy and Division of Forensic Science, and Driver Examiner); will eliminate need for borrowed facilities (Bozeman Highway Patrol).

Number to be served by Facility: 42Functional Space Requirements: (In square feet) 28,500 - 80 -

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Both the Academy and the Division of Forensic Science are presently housed in rented temporary facilities. The rent is costly, and the facilities are inadequate to these programs' growing needs. The Bozeman area Highway Patrol must replace its borrowed facilities at the Gallatin County Law and Justice Building. To increase the cost effectiveness of a new permanent building, we propose to include the Bozeman area Driver Examiner.

## E. ALTERNATIVES CONSIDERED:

1. Continuation of present arrangements.
2. Moving to alternative rented facilities.
3. Building separate structures for each of the programs.
4. Exercise of purchase option on Academy's leased modular buildings.
5. Plan facility and request construction funding in the next biennium.

## Rationale for Selection of a Particular Alternative:

Building a consolidated permanent facility for the affected programs is the most cost effective option in the long term. This alternative, moreover, would enable the Academy and the Division of Forensic Science to maximize their service capabilities, something that their present inadequate facilities disallow.

Alternative #5 has been recommended in order to provide time to study a complex facility. The \$250,000 appropriation would fund complete plans which could then be presented for construction authorization.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ 1,800
- Soil Testing: \$ 5,800
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 3,250,000
4. Architectural/Engineering Fees: \$ 292,500
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ 162,500
7. Equipment: \$ 120,000
8. Contingencies: \$ 341,000
9. Other Admin. plan review, advertising, etc. \$ 24,400

TOTAL COST \$ 4,198,000

Less Other Funds Available

Source \_\_\_\_\_

STATE FUNDS REQUIRED \$ \_\_\_\_\_

\*Project recommended for planning funds only (\$250,000).

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1984

Number of Additional Personnel Required N/A

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( N/A )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM ( N/A )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM ( N/A )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

A new Department of Justice Building in Bozeman would accomplish the following:

- A. Provide a permanent facility for the Division of Forensic Science (Laboratory of Criminalistics & Office of State Medical Examiner). The present rented facilities in Missoula are structurally unsound, deficient in space, and unsuited to the peculiar requirements of a crime laboratory and autopsy facility. Increasing demand for the Division's scientific investigative services requires space for more personnel and equipment. A permanent facility on or near the MSU campus would enable the Division to work with MSU toward mutually productive academic programs, shared data processing, and other benefits. Close proximity to the Academy would enhance the Division's statutorily mandated role in training law enforcement personnel in the forensic sciences.
- B. Provide a permanent facility for the Montana Law Enforcement Academy Bureau (MLEAB). MLEAB presently uses leased modular buildings that are both too small and unsuited to long-term use. The lease expires in 1988. MLEAB's present out-door firing range prohibits winter training, thereby severely limiting MLEAB's ability to provide timely training services to local law enforcement. The Academy needs a permanent facility with adequate dormitory space, an in-door firing range, and adequate classrooms and offices. Close proximity to the Division of Forensic Science would enhance the curriculum.
- C. Provide permanent facilities for the Bozeman area Highway Patrol Office.
- D. Provide permanent facilities for the Bozeman area Driver Examiner.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Aircraft Storage Hangar, Yellowstone Airport  
 Project Priority 21  
 Biennium 1983 - 1985

Department Commerce  
 Agency/Program Aeronautics Division

## A. THIS PROJECT:(Check One)

- ☒ Is an Original Facility      ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility      ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Yellowstone Airport, Gallatin County, Montana

### (Check where appropriate)

- ☒ Site on Currently Owned Property      ☐ Utilities Already Available  
☐ Site to be Selected      ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

### General Description:

A new industry standard aircraft storage hangar to be constructed on the state-owned Yellowstone Airport at West Yellowstone, Montana. It will be used to satisfy the many requests for storage of both transient and based aircrafts during the airport's operating season (June through September) and as general airport storage during the off-season. A separate electrical service will be provided and mechanical improvements are not planned. No specialized equipment or furnishings will be required beyond the standard hangar doors, etc.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Numerous requests are received each season for hangar space and although the Yellowstone Airport master plan calls for the construction of such facilities, none exist presently. The building would also provide needed airport storage space during the off-season months. Postponement or abandonment of the project would result in a continuation of our inability to satisfy aircraft and airport storage needs.

## E. ALTERNATIVES CONSIDERED:

Due to the nature of this proposal, practical alternatives are not readily apparent short of renting general storage space in the town of West Yellowstone for the off-season months.

## Impact on Existing Facilities:

This hangar will enhance Yellowstone Airport's service to the traveling public by providing secure storage for the many expensive aircrafts using the airport.

## Rationale for Selection of a Particular Alternative:

N/A

Number to be served by Facility: Approximately 250 aircraft per season

Functional Space Requirements: (In square feet) 6,400 sq. ft.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other:	\$	
3.	Construction Cost:	\$	148,000
4.	Architectural/Engineering Fees:	\$	16,000
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	
8.	Contingencies:	\$	37,000
9.	Other:	\$	
TOTAL COST		\$	201,000
Less Other Funds Available			
Source <u>ERA</u>		\$	201,000
STATE FUNDS REQUIRED		\$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September, 1984

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNium ( <u>600</u> )		
Personal Services	\$	0
Operating Expenses	\$	300
Maintenance Expenses	\$	300
2nd BIENNium ( <u>700</u> )		
Personal Services	\$	0
Operating Expenses	\$	350
Maintenance Expenses	\$	350
3rd BIENNium ( <u>800</u> )		
Personal Services	\$	0
Operating Expenses	\$	400
Maintenance Expenses	\$	400

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title Coal Tax Park Acquisition

Project Priority 22

Biennium 1983 - 1985

Department Fish, Wildlife & Parks

Agency/Program Parks

A. THIS PROJECT:(Check One)

☐ Is an Original Facility

☐ Renovates an Existing Facility

☐ Is an Addition to an Existing Facility

☐ Replaces an Existing Facility

☒ Other Acquisition

B. LOCATION: Statewide

(Check where appropriate)

☐ Site on Currently Owned Property

☐ Utilities Already Available

☒ Site to be Selected

☐ Access Already Available

☐ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

Acquire park areas on a statewide basis.

E. ALTERNATIVES CONSIDERED:

No action: Wishes of the Legislature not fulfilled.

Impact on Existing Facilities:

May vary with the situation.

Rationale for Selection of a Particular Alternative:

1983 Legislature mandated this money be spent on these acquisitions.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1.	Land Acquisition:	\$	<u>606,000</u>
2.	Preliminary Expenses	\$	<u>          </u>
	Site Survey:	\$	<u>          </u>
	Soil Testing:	\$	<u>          </u>
	Other:	\$	<u>          </u>
3.	Construction Cost:	\$	<u>          </u>
4.	Architectural/Engineering Fees:	\$	<u>          </u>
5.	Utilities:	\$	<u>          </u>
6.	Landscaping & Site Development:	\$	<u>          </u>
7.	Equipment:	\$	<u>          </u>
8.	Contingencies:	\$	<u>          </u>
9.	Other:	\$	<u>          </u>
	TOTAL COST	\$	<u>606,000</u>
	Less Other Funds Available		<u>          </u>
	Source <u>Coal tax</u>	\$	<u>606,000</u>
	STATE FUNDS REQUIRED	\$	<u>-0-</u>

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$             
Operating Expenses \$             
Maintenance Expenses \$           

2nd BIENNIUM (1985 - 1987)

Personal Services \$             
Operating Expenses \$             
Maintenance Expenses \$           

3rd BIENNIUM (1987 - 1989)

Personal Services \$             
Operating Expenses \$             
Maintenance Expenses \$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Restoration, Upkeep & Additions  
 Project Priority 23  
 Biennium 1983 - 1985

Department Highways  
 Agency/Program Maintenance

## A. THIS PROJECT:(Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Various - See Attachment

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The buildings of concern are in need of repairs, additions and general upkeep.

## E. ALTERNATIVES CONSIDERED:

1. Do nothing
2. Do minor or only necessary repair or upkeep.
3. Perform major maintenance, additions and upgrading.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This request encompasses major maintenance which includes roofing, siding, heating, plumbing and electrical work; construction of toilets, office, shop and storage spaces; upgrading facilities to meet OSHA and building codes and improving energy efficiency by replacing or eliminating doors and windows and adding insulation.

## Impact on Existing Facilities:

Extends structure life and increases functional use.

## Rationale for Selection of a Particular Alternative:

Number three (3) will maintain the buildings in an adequate manner, thus increasing the probability of using them throughout their expected life span. This alternative also resolves a problem of shortage of sanitary and storage facilities and allows for the needed office and shop renovations which include the installation of energy saving features.

Number to be served by Facility: Highway Department, Statewide

Functional Space Requirements: (In square feet) N/A

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: \_\_\_\_\_ Historical Data \_\_\_\_\_

1. Land Acquisition: \$ \_\_\_\_\_

2. Preliminary Expenses \$ \_\_\_\_\_

Site Survey: \$ \_\_\_\_\_

Soil Testing: \$ \_\_\_\_\_

Other: \$ \_\_\_\_\_

3. Construction Cost: \$ 700,000.00

4. Architectural/Engineering Fees: \$ \_\_\_\_\_

5. Utilities: \$ \_\_\_\_\_

6. Landscaping & Site Development: \$ \_\_\_\_\_

7. Equipment: \$ \_\_\_\_\_

8. Contingencies: \$ 50,000.00

9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 750,000.00

Less Other Funds Available

Source ERA \$ 750,000.00

STATE FUNDS REQUIRED \$ \_\_\_\_\_

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: October 1985

Number of Additional Personnel Required - 0 -

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

PARTIAL LISTING OF PROJECTS

1. Install a new ceiling and insulate shop area of Lewistown Complex.
2. Install storm windows on Lewistown Office Building.
3. Install overhead doors and new furnaces on seven buildings in the Bozeman Division.
4. Refurbish dwelling at Hillside.
5. Move sandhouse from Ashland to Lane Deer Divide.
6. Place security fence at Ashland garage and field fence at road oil and stockpile site, West of Ashland.
7. Provide water, toilet, and floor drain at Boyes Garage.
8. Modify septic system and re-side dwelling at Boyes.
9. Provide water and toilet at Fiddleback garage.
10. Re-side and construct entry at Fiddleback dwelling.
11. Provide water and toilet at Beaverside garage.
12. Modify septic system and re-side dwelling at Beaverside.
13. Re-roof and insulate Glendive office and shop building.
14. Miscellaneous modifications to accommodate district reorganization.
15. Various unforeseen repairs of a major nature.

# CAPITAL PROJECT REQUEST

Project Title Runway Improvements, Lincoln Airport  
 Project Priority 24  
 Biennium 1983 - 1985

Department Commerce  
 Agency/Program Aeronautics Division

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility  
☒ Is an Addition to an Existing Facility  
☐ Other

- ☒ Renovates an Existing Facility  
☐ Replaces an Existing Facility

## B. LOCATION: Lincoln, Montana

## (Check where appropriate)

- ☒ Site on Currently Owned Property  
☐ Site to be Selected  
☐ Site Already Selected

- ☒ Utilities Already Available  
☒ Access Already Available

## C. DESCRIPTION OF FACILITY:

### General Description:

Lincoln Airport is a state-owned emergency and recreational airport located on a major flyway between Great Falls and Missoula. This project will renovate the existing runway, taxiway and apron area where the base asphalt is deteriorating. The runway will also be restriped and numbered.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

There are isolated locations of base failure causing pavement cracking and surface failure. The expense to repair and resurface at this time with Federal assistance will be much cheaper than waiting and having to do a complete reconstruction at a later date.

## E. ALTERNATIVES CONSIDERED:

Postpone the project.

## Impact on Existing Facilities:

None.

## Rationale for Selection of a Particular Alternative:

Isolated base reconstruction and surface rehabilitation is deemed necessary at this time to prevent total failure resulting in more costly construction.

## Number to be served by Facility:

This airport serves the community of Lincoln and surrounding property owners. 1500 to 2000 Aircraft operations annually.

## Functional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate:	Montana Aeronautics Division
1. Land Acquisition:	\$ _____
2. Preliminary Expenses	\$ _____
Site Survey:	\$ _____
Soil Testing:	\$ _____
Other:	\$ _____
3. Construction Cost:	\$ 120,000.00
4. Architectural/Engineering Fees:	\$ 18,000.00
5. Utilities:	\$ _____
6. Landscaping & Site Development:	\$ _____
7. Equipment:	\$ _____
8. Contingencies:	\$ 12,000.00
9. Other:	\$ _____
TOTAL COST	\$ 150,000.00
Less Other Funds Available	
Source FAA (90%)	\$ 135,000.00
ERA (Gas Tax 10%)	\$ 15,000.00
STATE FUNDS REQUIRED	\$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date:	October 1984
Number of Additional Personnel Required	-0-
Additional Funds Required when Project is in Full Operation:	
1st BIENNIUM ( -0- )	
Personal Services	\$ -0-
Operating Expenses	\$ -0-
Maintenance Expenses	\$ -0-
2nd BIENNIUM ( -0- )	
Personal Services	\$ -0-
Operating Expenses	\$ -0-
Maintenance Expenses	\$ -0-
3rd BIENNIUM ( -0- )	
Personal Services	\$ -0-
Operating Expenses	\$ -0-
Maintenance Expenses	\$ -0-

Project Title Fishing Access Acquisition  
 Project Priority 25  
 Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
 Agency/Program Parks

A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Acquisition

B. LOCATION: Statewide

(Check where appropriate)

- ☐ Site on Currently Owned Property ☐ Utilities Already Available  
☒ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

This project would provide the funding to allow the continuation of the fishing access site acquisition. It will provide sites statewide for fishing access and recreation.

Fishing license revenue is earmarked by law for this acquisition program.

E. ALTERNATIVES CONSIDERED:

1. No action: This would be contrary to existing legislation.
2. Accelerated program: The license dollars to accomplish an accelerated program are not presently available.
3. Obtain access by other means, such as by less than fee title. This action is always explored and is dismissed if:
  1. This action would increase landowner-user conflicts
  - or 2. The landowner is unwilling to transfer, to the State, rights strong enough to protect continued public interest in the land.

Impact on Existing Facilities:

Could relieve overcrowding at some existing sites.

Rationale for Selection of a Particular Alternative:

1. A no action program would preclude obtaining rights to desirable properties.
2. Funding is not available for support from present sources.
3. This option is always used when it is in the best interest of the resource and the public.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1.	Land Acquisition:	\$	855,000	
2.	Preliminary Expenses	\$		
	Site Survey:	\$		
	Soil Testing:	\$		
	Other:	\$		
3.	Construction Cost:	\$		
4.	Architectural/Engineering Fees:	\$		
5.	Utilities:	\$		
6.	Landscaping & Site Development:	\$		
7.	Equipment:	\$		
8.	Contingencies:	\$		
9.	Other	\$		
		\$		
	TOTAL COST	\$	855,000	
	Less Other Funds Available			
	Source <u>ERA</u>	\$	855,000	
	STATE FUNDS REQUIRED	\$	-0-	

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM (1985 - 1987)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM (1987 - 1989)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

# CAPITAL PROJECT REQUEST

Project Title Lost Trail Maintenance Garage  
 Project Priority 26  
 Biennium 1983 - 1985

Department Highways  
 Agency/Program Maintenance

## A. THIS PROJECT: (Check One)

- ☒ Is an Original Facility      ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility      ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

LOCATION: Highway maintenance yard 7 miles from the top of Lost Trail Pass on U.S. 93 South.

(Check where appropriate)

- ☒ Site on Currently Owned Property      ☒ Utilities Already Available  
☒ Site to be Selected      ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The building is a three stall garage and needs heat, lights, water, 3-14 ft. garage doors, a washroom, toilet and workbench.

## E. ALTERNATIVES CONSIDERED:

1. Build a new facility
2. Expand the present building
3. Rent additional storage
4. Do nothing

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The thirty year old garage now in use is no longer adequate to store the large snow blower, 3 trucks, motor patrol, loader, and pickup required to maintain Lost Trail and St. Joseph Passes. New storage space is needed due to the increase in equipment, which has to be housed so that it is readily available to handle frequent and long lasting snowfalls.

## Impact on Existing Facilities:

Relieve crowded facilities of old garage. Permit warm storage of vehicles used in winter maintenance.

## Rationale for Selection of a Particular Alternative:

The present building's condition and dimensions do not justify it's expansion. No rentals are available. Number one (1) will adequately provide storage at the greatest cost benefit.

Number to be served by Facility: Five (5)

Functional Space Requirements: (In square feet) 2000 sq.ft.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 50,000
4. Architectural/Engineering Fees: \$ 5,000
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 8,500
9. Other: \$ \_\_\_\_\_

TOTAL COST

\$ 63,500

Less Other Funds Available

Source ERA

\$ 63,500

STATE FUNDS REQUIRED \$ \_\_\_\_\_

-0-

- 95 -

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1984

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

2nd BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

3rd BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title Dam Rehabilitation  
Project Priority 27  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Parks

A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility  
☒ X Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility  
☐ Other

B. LOCATION: Statewide

(Check where appropriate)

- ☒ X Site on Currently Owned Property  
☐ Site to be Selected  
☐ Site Already Selected  
☐ Utilities Already Available  
☐ Access Already Available

C. DESCRIPTION OF FACILITY:

General Description:

Improve the quality of Dept. of Fish, Wildlife & Parks reservoirs. 1 FTE and support funding would staff a dam safety engineer at the DNRC to study DFWP dams, develop "phase one reports," and hire consultants to develop rehabilitation plans and cost estimates which would be presented to 1985 Legislature for funding.

E. ALTERNATIVES CONSIDERED:

1. No action: May be hazardous to the health, safety, and welfare of the visiting public and those downstream from the project.
2. Prioritize projects and fund the most critical ones.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED

Department of Fish, Wildlife & Parks dams have deteriorated and become unsafe. Existing resource is in jeopardy.

Impact on Existing Facilities:

Make projects safe.

Rationale for Selection of a Particular Alternative:

Protect the public and existing investment through implementation of Alternative #2. The recommendation of DNRC is for \$125,000 to fund reconstruction of the Garside Reservoir. It does not include funding for an FTE or study reports.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Department of Natural Resources and Conservation  
Personnel

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ \_\_\_\_\_
4. Architectural/Engineering Fees: \$ 150,000
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_
- TOTAL COST \$ 150,000
- Less Other Funds Available
- Source FPRA (RRD) \$ 150,000

STATE FUNDS REQUIRED \$ \_\_\_\_\_

-0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: \_\_\_\_\_

Number of Additional Personnel Required \_\_\_\_\_

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM ( \_\_\_\_\_ )

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

# CAPITAL PROJECT REQUEST

Project Title Sand House, Diamond Ring Interchange  
 Project Priority 28  
 Biennium 1983 - 1985

Department Highways  
 Agency/Program Maintenance

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION:

Diamond Ring Interchange - MP 159.6 on I-94.

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

A metal storage building of adequate size, (40' x 80') to store the winter needs for sanding material.

## E. ALTERNATIVES CONSIDERED:

1. Build a new facility
2. Store sand in the open
3. Do nothing

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This facility would be located about 24 miles East of Miles City. At present it is necessary to either dead-head back to Miles City or go on to Terry, a distance of some 20+ miles, in order to re-load with sanding materials. The incomplete section of I-94 in this area places additional demands on the winter maintenance operations. Open storage causes frozen chunks in sanding material due to moisture. The chunks will not pass thru the sanders, causing delay in servicing highways.

Impact on Existing Facilities:

None.

Rationale for Selection of a Particular Alternative:

Number one (1) will secure the availability of dry sand to service highways in a timely manner during hazardous conditions.

Number to be served by Facility: Four (4)

Functional Space Requirements: (In square feet) 3,200 sq.ft.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 35,000.00
4. Architectural/Engineering Fees: \$ 3,500.00
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 5,775.00
9. Other: \$ \_\_\_\_\_

TOTAL COST

\$ 44,275.00

Less Other Funds Available

Source ERA

\$ 44,275.00

STATE FUNDS REQUIRED

\$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Summer 1983

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

2nd BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

3rd BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Fishing Access Site Protection  
 Project Priority **29**  
 Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
 Agency/Program Parks

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☒ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

LOCATION: Statewide

(Check where appropriate)

☒ Site on Currently Owned Property ☐ Utilities Already Available  
☒ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

This project will improve sites across the state and protect them from further degradation. Typical examples would be: Build roads to provide access and eliminate indiscriminate vehicle travel, build boundary fences, signs, sanitary facilities, etc.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Fishing access sites across the state in poor shape. Some lack access, most need fencing and other improvements to protect them from deterioration and provide minimum facilities to accommodate the public.

## E. ALTERNATIVES CONSIDERED:

No action: Would allow continued destruction of vegetation, user conflicts and sanitation problems to continue.

Expanded program: Would be very desirable and is needed. However, with the present staff and budget constraints it is not feasible.

## Impact on Existing Facilities:

Protect them from degradation.

## Rationale for Selection of a Particular Alternative:

The selected action is the maximum fundable from the account

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 100 -

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1.	Land Acquisition:	\$	_____
2.	Preliminary Expenses	\$	_____
	Site Survey:	\$	_____
	Soil Testing:	\$	_____
	Other:	\$	_____
3.	Construction Cost:	\$	<u>500,000</u>
4.	Architectural/Engineering Fees:	\$	_____
5.	Utilities:	\$	_____
6.	Landscaping & Site Development:	\$	_____
7.	Equipment:	\$	_____
8.	Contingencies:	\$	_____
9.	Other:	\$	_____
TOTAL COST		\$	<u>500,000</u>
Less Other Funds Available			
Source ERA		\$	<u>500,000</u>
			_____
STATE FUNDS REQUIRED		\$	<u>-0-</u>

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

2nd BIENNIUM (1985 - 1987)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

3rd BIENNIUM (1987 - 1989)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title Elkhorn State Monument Improvements  
Project Priority 30  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Parks

A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☒ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: Elkhorn, Montana

(Check where appropriate)

☐ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☒ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

The existing historic structures at this ghost town will be stabilized by improving foundations, installing windows and doors and replacing roofs.

E. ALTERNATIVES CONSIDERED:

No action: Would allow deterioration to continue.

Impact on Existing Facilities:

This project will provide protection from deterioration to this historic site.

Rationale for Selection of a Particular Alternative:

It is felt that the selected program is the minimum required to address the most pressing problems at the site.

Number to be served by Facility: N/A

Functional Space Requirements: (in square feet) N/A - 102 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	20,000
4. Architectural/Engineering Fees:	\$	
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	
9. Other	\$	
	\$	
TOTAL COST	\$	20,000
Less Other Funds Available		
Source Coal Tax	\$	20,000
STATE FUNDS REQUIRED	\$	-0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIMUM (1983 - 1985)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIMUM (1985 - 1987)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIMUM (1987 - 1989)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Giant Springs-Heritage State Park  
Project Priority 31  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Parks

## A. THIS PROJECT:(Check One)

☐ Is an Original Facility ☐ Replaces an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Great Falls

(Check where appropriate)

☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

This project will build a modern flush comfort station complete with all utilities on the Heritage side of the site. It will also repair erosion to a coulee which carries storm drainage and complete additional landscaping at the site. Historic interpretation signs would be installed.

## E. ALTERNATIVES CONSIDERED:

1. No action: Problems would remain unresolved.
2. Reduce funding to reflect available revenue projections.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Giant Springs is one of the most heavily used sites in the state. Additional sanitary facilities are needed. The storm drainage is eroding creating an environmental visual and safety problem. Landscaping is needed to improve site maintenance.

## Impact on Existing Facilities:

Relieve the pressure on existing facilities.

## Rationale for Selection of a Particular Alternative:

The selected action will address the most pressing needs, while recognizing that no RTT funds are available for this purpose at this time.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 104 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

- Land Acquisition: \$ \_\_\_\_\_
- Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
- Construction Cost: \$ 185,000
- Architectural/Engineering Fees: \$ 15,000
- Utilities: \$ \_\_\_\_\_
- Landscaping & Site Development: \$ \_\_\_\_\_
- Equipment: \$ \_\_\_\_\_
- Contingencies: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_

TOTAL COST \$ 200,000

Less Other Funds Available

Source Coal Tax \$ 100,00

FPRA (RIT) 100,000

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

STATE FUNDS REQUIRED \$ -0-

\*Project recommended for funding at reduced program level (RIT funds deleted).

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Streambank Preservation  
 Project Priority 32  
 Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
 Agency/Program Parks

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other ☐ Involves many and a great variety of projects across the state and could be either original construction, renovation of, or addition to an existing structure.

(Check where appropriate)

- ☐ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

These funds have been and will be used to preserve stream fish habitat by financially assisting landowners with design, planning, and construction of streambed and bank projects.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Private and public streambed and bank structures were being built without due consideration of basic hydraulics and related fisheries resources. Financial assistance tied to public benefits had to be made available to these entities before long-term solutions would be approached.

## E. ALTERNATIVES CONSIDERED:

1. Do nothing to help protect and/or improve fish habitat.
2. Request funding to provide the assistance required.

## Impact on Existing Facilities:

Protect existing resource.

## Rationale for Selection of a Particular Alternative:

Only alternative 2 can solve the problem under existing financial and Federal Government assistance conditions. It is well within guidelines established for the Renewable Resource Development Grant Program. Stream Protection Program guidelines allowed financial assistance to be made available without loss in administrative costs, in a timely fashion and with a minimum of time consuming administration. The proposed funding level of \$50,000 has been recommended by DNRC, which administers the RRD grant program.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition:	\$	_____
2. Preliminary Expenses	\$	_____
Site Survey:	\$	_____
Soil Testing:	\$	_____
Other:	\$	_____
3. Construction Cost:	\$	<u>100,000</u>
4. Architectural/Engineering Fees:	\$	_____
5. Utilities:	\$	_____
6. Landscaping & Site Development:	\$	_____
7. Equipment:	\$	_____
8. Contingencies:	\$	_____
9. Other:	\$	_____
TOTAL COST	\$	<u>100,000</u>
Less Other Funds Available		
Source <u>FPRA (RRD)</u>	\$	<u>100,000</u>

STATE FUNDS REQUIRED \$ -0-

\*Project recommended for funding at reduced program level. See Rationale for Selection of a Particular Alternative on previous page.

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM (1983 - 1985)	
Personal Services	\$ _____
Operating Expenses	\$ _____
Maintenance Expenses	\$ _____
2nd BIENNIUM (1985 - 1987)	
Personal Services	\$ _____
Operating Expenses	\$ _____
Maintenance Expenses	\$ _____
3rd BIENNIUM (1987 - 1989)	
Personal Services	\$ _____
Operating Expenses	\$ _____
Maintenance Expenses	\$ _____

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title Mount Haggin Recreation Area Improvements  
Project Priority 33  
Biennium 1983 - 1985

Department Fish, Wildlife and Parks  
Agency/Program Parks

A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: South of Anaconda

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

Install new fence and initiate a rest rotation grazing program. The fencing would create a series of needed areas for the rest rotation system.

E. ALTERNATIVES CONSIDERED:

No action: Allow trespass grazing and mismanage the resource with no control over use, would contribute to a deteriorating vegetative resource.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Limited control exists over grazing. Permitting only a continuous grazing system with its adverse effects on the resource.

Impact on Existing Facilities:

Protect and improve the resource.

Rationale for Selection of a Particular Alternative:

Completion of the project is the only alternative that solves the problem. The proposed funding level of \$65,000 has been recommended by DNRC, which administers the RRD grant program.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ \_\_\_\_\_

2. Preliminary Expenses \$ \_\_\_\_\_

Site Survey: \$ \_\_\_\_\_

Soil Testing: \$ \_\_\_\_\_

Other: \$ \_\_\_\_\_

3. Construction Cost: \$ 130,000

4. Architectural/Engineering Fees: \$ \_\_\_\_\_

5. Utilities: \$ \_\_\_\_\_

6. Landscaping & Site Development: \$ \_\_\_\_\_

7. Equipment: \$ \_\_\_\_\_

8. Contingencies: \$ \_\_\_\_\_

9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 130,000

Less Other Funds Available

Source FPRA (RRD) \$ 130,000

STATE FUNDS REQUIRED \$ -0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: N/A

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

Project Title South Sandstone State Recreation Area Improvements  
Project Priority 34  
Biennium 1983 - 1985

Department Department of Fish, Wildlife and Parks  
Agency/Program Parks

A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other Plevna, Montana, Fallon County

B. LOCATION:

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

Repair the dam, replace the fence on the boundary, and improve the roads and parking area with gravel and culverts.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

A report prepared by the Department of Natural Resources and Conservation has identified problems concerning the dam. Several items need repair, especially the front riprap on the face of the dam. The roads throughout the area have deteriorated and need gravel resurfacing materials so that people can continue to use the roads through all seasons. The boundary fence needs to be replaced since the old one has never had any improvements.

E. ALTERNATIVES CONSIDERED:

Do nothing. This alternative would continue to let the site go in a state of disrepair and tend to deteriorate to the point where it may be unuseable.

Complete the project since without the improvements the area would continue to deteriorate, such as the road and fence, and therefore, the investment of the state would be lost. No doubt, it would prohibit the use by the recreationists to the facilities available at this time.

Impact on Existing Facilities:

Improvements to the dam will make it safe and protect the investment in the existing structure. The fence will protect the site from unauthorized trespass. The road gravel and culverts will protect the existing road and parking facilities.

Rationale for Selection of a Particular Alternative:

Dam repair, new fence, and road improvements are all needed and, therefore, that alternative is the only possible course at this time if the state is to keep the area in an acceptable standard. The recommendation of DNRC is for a reduced funding level of \$125,000 which reflects funds available in the water development program for this project.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 110 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ \_\_\_\_\_

2. Preliminary Expenses \$ \_\_\_\_\_

Site Survey: \$ \_\_\_\_\_

Soil Testing: \$ \_\_\_\_\_

Other: \$ \_\_\_\_\_

3. Construction Cost: \$ 187,060

4. Architectural/Engineering Fees: \$ 46,940

Utilities: \$ \_\_\_\_\_

6. Landscaping & Site Development: \$ \_\_\_\_\_

7. Equipment: \$ \_\_\_\_\_

8. Contingencies: \$ \_\_\_\_\_

9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 234,000

Less Other Funds Available

Source FPRA (RRD) \$ 234,000

STATE FUNDS REQUIRED \$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

STATE FUNDS REQUIRED \$ \_\_\_\_\_

\*Project recommended for funding at reduced program level. See Rationale for Selection of a Particular Alternative on previous page.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Makoshika State Park Improvements  
 Project Priority 35  
 Biennium 1983 - 1985

Department Fish, Wildlife and Parks  
 Agency/Program Parks

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other ☐

## B. LOCATION: South of Glendive

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

This project will pave approximately one mile of the access road and provide a new radio tower area. Some minor improvements to the caretaker's area are recommended.

## E. ALTERNATIVES CONSIDERED:

1. No action: The existing problems will be perpetuated and the road will continue to deteriorate. Continued expansion of the towers will make the area unsightly.
2. Prioritize the work and complete the items, where the serious need exists.

## Impact on Existing Facilities:

Decrease dust and maintenance costs, provide centralized facility for radio towers and radio operation building.

## Rationale for Selection of a Particular Alternative:

The proposed action will protect the investment in the road and it will minimize erosion by off trail use in the vicinity of the radio towers. The project has been recommended at \$78,000 to reflect the limited amount of LRBP funds now available for projects that have potential for funding from other sources.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 112 -

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing access road receives a high volume of traffic and is very rough and dusty, requiring high maintenance costs. The radio towers need to be consolidated into a single site.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ \_\_\_\_\_

2. Preliminary Expenses \$ \_\_\_\_\_

Site Survey: \$ \_\_\_\_\_

Soil Testing: \$ \_\_\_\_\_

Other: \$ \_\_\_\_\_

3. Construction Cost: \$ 168,000

4. Architectural/Engineering Fees: \$ \_\_\_\_\_

5. Utilities: \$ \_\_\_\_\_

6. Landscaping & Site Development: \$ \_\_\_\_\_

7. Equipment: \$ \_\_\_\_\_

8. Contingencies: \$ \_\_\_\_\_

9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 168,000

Less Other Funds Available

Source Coal Tax \$ 78,000

STATE FUNDS REQUIRED \$ 90,000

\*Project recommended for funding at reduced program level. (Delete \$90,000 LRBP funds)

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

## CAPITAL PROJECT REQUEST

Project Title Headquarters Renovations and Repairs  
 Project Priority 36  
 Biennium 1983 - 1985

Department Fish, Wildlife and Parks  
 Agency/Program Administration

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility  
☒ Is an Addition to an Existing Facility  
☐ Other \_\_\_\_\_

☒ Renovates an Existing Facility

☐ Replaces an Existing Facility

## B. LOCATION: \_\_\_\_\_

Statewide

(Check where appropriate)

☒ Site on Currently Owned Property ☐ Utilities Already Available

☒ Site to be Selected ☐ Access Already Available

☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Various regional headquarters and the Helena headquarters need remodeling and rehabilitation; from roofs to bring buildings up to state building codes, to making buildings energy conservative, to controlling maintenance compounds and site work.

## E. ALTERNATIVES CONSIDERED:

No action: Let headquarters continue to deteriorate and not provide adequate facilities for the department functions. In some cases the existing investment should be protected.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Buildings and surrounding sites have various problems which this project should correct.

## Impact on Existing Facilities:

Maintaining and upgrading existing facilities.

## Rationale for Selection of a Particular Alternative:

Provide acceptable headquarters facilities.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 114 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	50,000
4. Architectural/Engineering Fees:	\$	
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	
9. Other:	\$	
TOTAL COST	\$	50,000
Less Other Funds Available		
Source ERA	\$	50,000
STATE FUNDS REQUIRED	\$	-0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM <u>1983 - 1985</u>	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM <u>1985 - 1987</u>	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM <u>1987 - 1989</u>	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Headquarters Storage Building, Region I  
Project Priority 37  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Administration

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Kalspell Regional Headquarters

(Check where appropriate)

- ☐ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Add a 24' x 60' pole building to the existing storage building. Floor surfacing would be gravel. The front would be open. Equipment stored would be boats, snowmobiles, and trail groomer.

## E. ALTERNATIVES CONSIDERED:

No action: Equipment will continue to be unprotected, replacement will be required sooner if no storage building is constructed.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Equipment presently is exposed to the weather and therefore deteriorating.

## Impact on Existing Facilities:

This building would relieve the storage on the existing building.

## Rationale for Selection of a Particular Alternative:

Decrease equipment costs and protect State property.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) 1,440 - 116

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering Division

1. Land Acquisition:	\$	_____
2. Preliminary Expenses	\$	_____
Site Survey:	\$	_____
Soil Testing:	\$	_____
Other:	\$	_____
3. Construction Cost:	\$	<u>30,000</u>
4. Architectural/Engineering Fees:	\$	_____
5. Utilities:	\$	_____
6. Landscaping & Site Development:	\$	_____
7. Equipment:	\$	_____
8. Contingencies:	\$	_____
9. Other	\$	_____
TOTAL COST	\$	<u>30,000</u>
Less Other Funds Available		
Source ERA	\$	<u>30,000</u>
STATE FUNDS REQUIRED	\$	<u>-0-</u>

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: November 1984

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( <u>1983 - 1985</u> )		
Personal Services	\$	_____
Operating Expenses	\$	_____
Maintenance Expenses	\$	_____
2nd BIENNIUM ( <u>1985 - 1987</u> )		
Personal Services	\$	_____
Operating Expenses	\$	_____
Maintenance Expenses	\$	_____
3rd BIENNIUM ( <u>1987 - 1989</u> )		
Personal Services	\$	_____
Operating Expenses	\$	_____
Maintenance Expenses	\$	_____

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Wildlife Management Area Maintenance  
 Project Priority 38  
 Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
 Agency/Program Wildlife

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Statewide

(Check where appropriate)

☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Maintain, develop and protect wildlife areas with fence, signs, roads, culverts, catleguards, and other items as needed.

## E. ALTERNATIVES CONSIDERED:

No action: Let areas continue with no attention.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Improper control, inadequate access, livestock trespass, degradation to the habitat must be addressed.

## Impact on Existing Facilities:

Protect and improve the existing habitat and facilities

Rationale for Selection of a Particular Alternative:

Improved management of habitat and facilities.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 118 -

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	100,000
4. Architectural/Engineering Fees:	\$	
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	
9. Other:	\$	
TOTAL COST	\$	100,000
Less Other Funds Available		
Source <u>ERA</u>	\$	100,000
STATE FUNDS REQUIRED	\$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM <u>(1983 - 1985)</u>	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM <u>(1985 - 1987)</u>	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM <u>(1987 - 1989)</u>	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Lake and Stream Improvement  
 Project Priority 39  
 Biennium 1983 - 1985

Department Fish, Wildlife and Parks  
 Agency/Program Fisheries

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other In most cases will be an addition to or renovation of an

## B. LOCATION: existing facility.

Statewide.

(Check where appropriate)

- ☐ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

These funds will be used for projects such as installation of baffles in culverts for fish passage, minor repair of dams and pond control structures on private reservoirs when such expenditures will insure public access, trapping and other measures to control erosion of toxic materials into streams and purchase of structures and water rights to maintain lake levels and instream flows for fish and wildlife.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Fish habitat protection and improvement by small construction projects as the needs are disclosed by our survey and inventory work.

## E. ALTERNATIVES CONSIDERED:

1. Do not protect and improve fish habitat.
2. Request funding for individual projects.

## Impact on Existing Facilities:

Protect and improve the existing resource.

## Rationale for Selection of a Particular Alternative:

1. Would not protect the resource.
2. Many projects could not be done in time to afford the necessary protection.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 120 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 50,000
4. Architectural/Engineering Fees: \$ \_\_\_\_\_
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 50,000  
Less Other Funds Available  
Source ERA \$ 50,000

STATE FUNDS REQUIRED \$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

LUNG HANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

Project Title Rosebud Battlefield State Monument Improvements  
Project Priority 40  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Parks

A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other ☐

B. LOCATION: South of Forsyth

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

This project will install a prefabricated home on the site, construct utilities and other miscellaneous improvements. The existing structure would remain for storage purposes only.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing administrative site needs major repair to be usable. Cost estimates show that the installation of a prefabricated unit will be cheaper.

E. ALTERNATIVES CONSIDERED:

No action: The existing building will continue to deteriorate and the utilities will make it completely unliveable.

Fix existing: To repair the existing structure and install new utilities for it would be more expensive than the selected alternate.

Impact on Existing Facilities:

The existing house would remain for unheated storage space.

Rationale for Selection of a Particular Alternative:

Cheapest alternative to satisfactorily resolve the problems and meet the project needs.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 122 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 40,000
4. Architectural/Engineering Fees: \$ \_\_\_\_\_
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 40,000  
Less Other Funds Available  
Source Coal Tax \$ 40,000

STATE FUNDS REQUIRED \$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: May 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Spring Meadow Lake Improvements  
 Project Priority **41**  
 Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
 Agency/Program Parks

## A. THIS PROJECT:(Check One)

- ☒ Is an Original Facility      ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility      ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B.

LOCATION: Helena, Montana

(Check where appropriate)

- ☒ Site on Currently Owned Property      ☐ Utilities Already Available  
☐ Site to be Selected      ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

This project will construct foot trails, road and parking, restrooms, install recreation facilities, fencing, and landscaping.

## E. ALTERNATIVES CONSIDERED:

No Action: The site would remain undeveloped, and in some places inaccessible.  
 Expanded Program: While very desirable, it is felt that additional expenditures at this time are not feasible.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This new site is very popular with the public. It was purchased in 1981. No facilities are presently available. These improvements will minimize maintenance costs by providing sanitary facilities, trash cans, etc.

Impact on Existing Facilities:

No existing facilities.

Rationale for Selection of a Particular Alternative:

The selected program will provide the basic facilities required and institute most of the recommendations made by the public.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 124 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks, Engineer's Estimate

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	152,000
4. Architectural/Engineering Fees:	\$	15,170
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	17,830
9. Other	\$	
	\$	
TOTAL COST	\$	185,000
Less Other Funds Available		
Source Coal Tax	\$	155,000
FPRA		30,000

STATE FUNDS REQUIRED

-0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	
2nd BIENNIUM ( <u>1987 - 1989</u> )		
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	
3rd BIENNIUM ( <u>1989 - 1991</u> )		
Personal Services	\$	
Operating Expenses	\$	
Maintenance Expenses	\$	

## CAPITAL PROJECT REQUEST

Project Title Came Range Acquisition  
 Project Priority 42  
 Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
 Agency/Program Wildlife

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility

☒ Other Acquisition

B. LOCATION: Statewide

(Check where appropriate)

☐ Site on Currently Owned Property ☐ Utilities Already Available  
☒ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Acquire game ranges on a statewide basis.

## E. ALTERNATIVES CONSIDERED:

No action.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Landowner-sportsman relations will be improved by decreasing the demand for access to private property. Available habitat for wildlife is decreasing due to growing demand of other land uses such as agriculture, grazing, forestry, mining, transportation, urban and industrial development, etc. Acquisition of land for wildlife will allow perpetuation of this wildlife resource in locations where crucial habitat is needed. Access to large areas of public land needs to be acquired to lessen recreation pressures on the remaining public and private lands.

## Impact on Existing Facilities:

May vary with the situation.

## Rationale for Selection of a Particular Alternative:

No action will delay resolving the existing problem and will eventually cost more due to inflation. The wildlife resource may be depleted in certain locations. Programs to lease property, make use agreements with landowners, etc., cannot be expected to meet the total demand. The anticipated amount of control through these means has been taken into consideration prior to this project request.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 126 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ 300,000
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ \_\_\_\_\_
4. Architectural/Engineering Fees: \$ \_\_\_\_\_
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ \_\_\_\_\_
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 300,000  
Less Other Funds Available  
Source ERA \$ 300,000

STATE FUNDS REQUIRED \$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Varies

Number of Additional Personnel Required \_\_\_\_\_

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Natural History Addition  
 Project Priority **43**  
 Biennium 1983 - 1985

Department Fish, Wildlife and Parks  
 Agency/Program Administration

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: Dept. of Fish, Wildlife & Parks Helena Headquarter's Building, Helena, Montana

(Check where appropriate)

☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Construct a wing to the existing headquarters building for a Natural History display area, a display fabrication area, a Commission/Auditorium room, a Natural History merchandising area and other remodeling to accommodate the additional areas.

## E. ALTERNATIVES CONSIDERED:

No action: Would not serve the public by not providing this facility. Continue to use the cramped quarters for large Fish, Wildlife and Parks meetings.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Joe Klabunde Memorial has proposed to fund the proposed additions, which satisfy a public need to better understand the natural environment of Montana. The existing Commission space is not adequate to serve large meetings, besides the existing conference room space is sometimes needed for meetings when the Fish and Game Commission meets.

## Impact on Existing Facilities:

May need to remodel the Conservation Education area, the entry, and the lobby space.

## Rationale for Selection of a Particular Alternative:

Solve the space problems for Department meetings. Provide the museum, coupling it with the museum across Sixth Avenue, tour train and visitors to the Capitol complex.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) 8250 - 128

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering Division

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 518,500
4. Architectural/Engineering Fees: \$ 46,665
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 57,335
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 622,500  
Less Other Funds Available  
Source FPRA \$ 622,500

STATE FUNDS REQUIRED \$ -0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1989 - 1991)

Personal Services \$ \_\_\_\_\_  
Operating Expenses \$ \_\_\_\_\_  
Maintenance Expenses \$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Plan Life Sciences Complex, Phase II  
 Project Priority 44  
 Biennium 1983 - 1985

Department Montana University System  
 Agency/Program Montana State University

## A. THIS PROJECT: (Check One)

☒ Is an Original Facility  
☐ Is an Addition to an Existing Facility  
☐ Other

☐ Renovates an Existing Facility  
☐ Replaces an Existing Facility

## B. LOCATION: Main Campus

(Check where appropriate)

☐ Site on Currently Owned Property  
☒ Site to be Selected  
☐ Site Already Selected

☒ Utilities Already Available  
☐ Access Already Available

## C. DESCRIPTION OF FACILITY:

General Description:

A laboratory/classroom/office building to house the health sciences and portions of those life sciences closely related thereto, along with other closely related research and service laboratories.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Adequate housing no longer exists to house the teaching and research activities of:

Molecular & Cellular Biology  
 Health Sciences, including microbiology, WAMI,  
 Genetics, Bio-chemistry & Bio-statistics.  
 Service & University related laboratories such as:

- Genetic Toxicology Laboratory
- Health Extension program
- Continuing Medical Education
- Medical Illustration Laboratory
- Cadaver preparation and storage
- Telecommunications Center for distant learning (CME) programs.

## E. ALTERNATIVES CONSIDERED:

There is no viable alternative to providing adequate space required to house the programs incumbent on a land grant university to pursue.

## Impact on Existing Facilities:

Eliminate crowding, housing of elements at widely scattered places which in some cases are in most unsatisfactory environments.

## Rationale for Selection of a Particular Alternative:

See Alternatives Considered.

Number to be served by Facility: 500-700 students & staff

Functional Space Requirements: (In square feet) 50,000 - 130 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Montana State University Facilities Planning

1. Land Acquisition:	\$	_____
2. Preliminary Expenses	\$	_____
Site Survey:	\$	_____
Soil Testing:	\$	_____
Other:	\$	_____
3. Construction Cost:	\$	_____
4. Architectural/Engineering Fees:	\$	<u>750,000</u>
5. Utilities:	\$	_____
6. Landscaping & Site Development:	\$	_____
7. Equipment:	\$	_____
8. Contingencies:	\$	_____
9. Other	\$	_____
TOTAL COST	\$	<u>750,000</u>
Less Other Funds Available		
Source <u>FPRA</u>	\$	<u>750,000</u>
STATE FUNDS REQUIRED	\$	<u>-0-</u>

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: N/A

Number of Additional Personnel Required N/A

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( N/A )

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

2nd BIENNIUM ( N/A )

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

3rd BIENNIUM ( N/A )

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

GENERAL NARRATIVE MATERIAL

THE LIFE SCIENCE COMPLEX AT MONTANA STATE UNIVERSITY - PHASE II

In 1966, the concept of a Life Science Complex was formulated. The main thrust of this concept was the construction of two buildings to house those activities which are concerned with the study and instruction in the Life Sciences. And by Life Sciences was meant all those exclusive of the so-called hard sciences, i.e., Engineering, Physics, Inorganic Chemistry, Mathematics, etc. Such a complex in harmony with existing structures would provide the proper environment for the teacher/learners, researchers, and Cooperative Extension personnel of the Life Sciences disciplines to interact in a more productive manner and hence better serve the objective of a Land Grant University. Also to be included were those "service" functions closely allied such as Grain Inspection, Soil Testing, etc.

The building that was completed in 1977 did much to help MSU in providing an environment to bring the concept to fruition. Since it was envisaged in 1966, however, the student population has grown from 6,268 to 11,184 and the research effort has increased by 55%, from \$2,033,737 to \$11,248,000. How much knowledge has been gained and how much has been taught to students and disseminated to Montana's citizens and those of the nation and the world is impossible to quantify. It has not been meager however.

In 1982, the concept has not only remained the same, it has broadened. The Health Sciences, an integral part of the Life-Sciences, has come into much sharper focus and MSU's involvement is deep and will become deeper. By developing strong programs in medicine, nursing, veterinary sciences and the allied health professions, MSU has assumed leadership in the State and region in Health Science education, biomedical research and the delivery of public service or extension education programs to many health professionals. The major emphasis of the Health Science program is pre-professional and professional training of young men and women of Montana in one of the health professions. Because many of these programs and closely allied disciplines are now housed in unsatisfactory space and are scattered about the campus, efforts to maintain the quality of instruction and research are seriously impaired. Moreover, rapidly advancing fields and new areas in science especially in molecular and cellular biology require modern facilities and state-of-the-art machines. In addition, classrooms must be able to accommodate increasingly more sophisticated interdisciplinary instruction at both the undergraduate and graduate level.

It is therefore time to increase the facilities in order that present over-crowding be eliminated, the service functions and adjunct activities be adequately housed in proximity to the discipline with which they are related and space be provided for vital University outreach efforts.

Phase II of the Life Science Complex will provide space for programs in the Health Sciences and the allied disciplines of biochemistry, genetics, biostatistics and molecular/cellular biology. In addition, space for service or outreach programs and various laboratories will be provided.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Complete Library Basement Department Montana University System  
 Project Priority 45 Agency/Program Montana State University  
 Biennium 1983 - 1985

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Campus

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected \_\_\_\_\_

## C. DESCRIPTION OF FACILITY:

General Description:

Approximately 5,000 sq.ft. of the Library Basement will be finished.

## E. ALTERNATIVES CONSIDERED:

None.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This portion of the Library remains unfinished. With an expanded population the space is badly needed for library functions.

## Impact on Existing Facilities:

Will relieve over-crowding in remainder of building.

## Rationale for Selection of a Particular Alternative:

The recommended alternative is the only solution to the existing problems.

Number to be served by Facility: Entire campus population

Functional Space Requirements: (In square feet) 5,000 - 133 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Montana State University Facilities Planning

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 200,000
4. Architectural/Engineering Fees: \$ 26,000
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ 64,000
8. Contingencies: \$ 10,000
9. Other: \$ \_\_\_\_\_

TOTAL COST

Less Other Funds Available

Source FPRA

\$ 300,000

\$ 300,000

STATE FUNDS REQUIRED

\$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1984

Number of Additional Personnel Required None

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Pave Hadleigh Marsh Lab & Ag Complex  
 Project Priority 415  
 Biennium 1983 - 1985

Department Montana University System  
 Agency/Program Montana Agricultural Experiment Station

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Bozeman Campus

(Check where appropriate)

- ☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Paving of existing access roads & drives - Hadleigh  
 Marsh Lab area and Ag. Complex.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Dust particles in the air caused by traffic pose constant problems to nearby animal labs and facilities in that meaningful research requires cleanliness - including air.

## E. ALTERNATIVES CONSIDERED:

1. Constant watering of road and drives.
2. Installation of numerous air filtering systems.
3. Paving.

Impact on Existing Facilities:

Elimination of dust adjacent to animal research laboratories.

Rationale for Selection of a Particular Alternative:

No. 1 is expensive and would be only partially effective.

No. 2 is expensive and would only be applicable to animals housed.

No. 3 is the most effective.

Number to be served by Facility: N/A

Functional Space Requirements: (in square feet) N/A - 135 -

# LONG RANGE BUILDING PROGRAM

## CAPITAL PROJECT REQUEST

### F. ESTIMATED COST OF PROJECT:

Source of Estimate: Montana State University Facilities Planning

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other: Admin. & Testing	\$	<u>2,000</u>
3.	Construction Cost:	\$	<u>240,600</u>
4.	Architectural/Engineering Fees:	\$	<u>33,700</u>
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	
8.	Contingencies:	\$	<u>10,000</u>
9.	Other	\$	
		\$	
	TOTAL COST	\$	<u>286,300</u>
	Less Other Funds Available		
	Source <u>FPRA</u>	\$	<u>286,300</u>
	STATE FUNDS REQUIRED	\$	<u>-0-</u>

### G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: June 1984

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( N/A )

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

2nd BIENNIUM ( N/A )

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

3rd BIENNIUM ( N/A )

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Remodel Herrick Hall  
 Project Priority 47  
 Biennium 1983 - 1985

Department Montana University System  
 Agency/Program Montana State University

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Campus

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

This project will make the building accessible to the handicapped, more fire safe and make available use of the 4th floor; about 4,000 sq.ft.

## E. ALTERNATIVES CONSIDERED:

1. Accomplishing the needed items on a piecemeal basis.
2. Combining all projects into one.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Herrick Hall is not accessible, has inadequate exits to the point that one floor cannot be used, one large classroom has inadequate exits.

## Impact on Existing Facilities:

Will provide more useable, accessible, safe area for students.

## Rationale for Selection of a Particular Alternative:

From a monetary standpoint and timing of creating useable space this seems the most reasonable way to go.

Number to be served by Facility: 400 - 500 students 20-25 staff

Functional Space Requirements: (In square feet) N/A - 137 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Montana State University Facilities Planning

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: Plan review, testing, admin., etc. \$ 5,000
3. Construction Cost: \$ 253,000
4. Architectural/Engineering Fees: \$ 32,000
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 10,000
9. Other: \$ \_\_\_\_\_

TOTAL COST

\$ 300,000

Less Other Funds Available

Source FPRA

\$ 300,000

STATE FUNDS REQUIRED

-0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September, 1984

Number of Additional Personnel Required None

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

2nd BIENNIUM (1985 - 1987)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

3rd BIENNIUM (1987 - 1989)

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Construct Machine Shop & Storage Complex

Department Montana University System

Project Priority 4B

Agency/Program Montana Agricultural Experiment Station

Biennium 1983 - 1985

## A. THIS PROJECT: (Check One)

☒ Is an Original Facility ☐ Renovates an Existing Facility

☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility

☐ Other \_\_\_\_\_

## B. LOCATION: Bozeman AES

(Check where appropriate)

☒ Site on Currently Owned Property ☐ Utilities Already Available

☐ Site to be Selected ☒ Access Already Available

☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

A steel building to house office, meeting room, repair area, tool cage and restrooms, a fuel station, and two machine storage sheds.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

A study of AES farm operations conducted in 1978 by representatives of the University, AES, and outside consultants indicates a serious lack of facilities that must be remedied if farming and research operations on 15,500 acres of land are to be effective and efficient. A most important need is an area to maintain machinery and store it out of the weather and also an administrative office. In addition, there is needed a proper fuel station and oil storage facility (OSHA has been quite vocal about this). This project was #1 priority in 1981 and part of priority #2 in 1979.

## E. ALTERNATIVES CONSIDERED:

There is no viable alternative.

## Impact on Existing Facilities:

Rationale for Selection of a Particular Alternative:

Facilities currently serving these functions are practically non-existent.

Proper upkeep of equipment is essential - but cannot be accomplished without this facility.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) 3200 SF enclosed and 3600 SF of shed.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Montana State University Facilities Planning

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ 1,200
- Soil Testing: \$ 1,500
- Other: State plan review and administration \$ 3,000
3. Construction Cost: \$ 242,000
4. Architectural/Engineering Fees: \$ 20,000
5. Utilities: \$ 10,000
6. Landscaping & Site Development: \$ 12,000
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 12,300
9. Other \$ \_\_\_\_\_

TOTAL COST

\$ 302,000

Less Other Funds Available

FPRA

\$ 302,000

Source

STATE FUNDS REQUIRED

\$ -0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September, 1984

Number of Additional Personnel Required None

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services \$ None

Operating Expenses \$ 13,380

Maintenance Expenses \$ 3,350

2nd BIENNIUM (1985 - 1987)

Personal Services \$ None

\* Operating Expenses \$ 15,910

\*\* Maintenance Expenses \$ 3,990

3rd BIENNIUM (1987 - 1989)

Personal Services \$ None

Operating Expenses \$ 18,910

Maintenance Expenses \$ 4,740

\*Based on \$2.00/sq.ft. of enclosed space - for utility and custodial services, plus 9% /yr. inflation.

\*\*Based on 3/4% of building cost/yr., plus 9% /yr. inflation.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Construct Museum of the Rockies Addition Department Montana University System  
 Project Priority 49 Agency/Program Montana State University  
 Biennium 1983 - 1985

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Campus

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☒ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

This will complete the program envisaged when Museum's first module was constructed in 1973.  
 See General Narrative Sheet.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The present building is only part of the total physical plant visualized when the museum moved to its present site. Without a complete building the museum's mission can't be accomplished.

## E. ALTERNATIVES CONSIDERED:

N/A

## Impact on Existing Facilities:

Will complete the museum.

## Rationale for Selection of a Particular Alternative:

Only Alternative that follows the proposed plan. The recommended funding of \$6,000,000 reflects the appropriation amount included in Board of Regents priorities.

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) 43,000 (New) - 141 -

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Contract Architect

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other: Code review, admin.	\$	7,000
3. Construction Cost:	\$	2,955,000
4. Architectural/Engineering Fees:	\$	402,000
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	450,000
7. Equipment:	\$	1,000,000
8. Contingencies:	\$	150,000
9. Other <u>State A/E</u>	\$	36,000
TOTAL COST	\$	5,000,000
Less Other Funds Available		
Source <u>FPRA</u>	\$	5,000,000

STATE FUNDS REQUIRED \$ -0-

\* Project recommended for funding at increased program level (Board of Regents recommended \$6,000,000 authorization).

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: June 1985

Number of Additional Personnel Required 1 - rest not paid by State

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM: (1985 - 1987)

Personal Services

\$ 32,000

\* Operating Expenses (Utilities)

\$ 89,870

\*\* Maintenance Expenses

\$ 47,025

2nd BIENNIUM (1987 - 1989)

Personal Services

\$ 33,900

Operating Expenses

\$ 106,780

Maintenance Expenses

\$ 55,870

3rd BIENNIUM (1989 - 1991)

Personal Services

\$ 37,375

Operating Expenses

\$ 126,860

Maintenance Expenses

\$ 66,380

\*Based on 1.00/sq.ft. @ 9% inflation/yr.

\*\*Based on 3/4%/yr. @ 9% inflation/yr.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

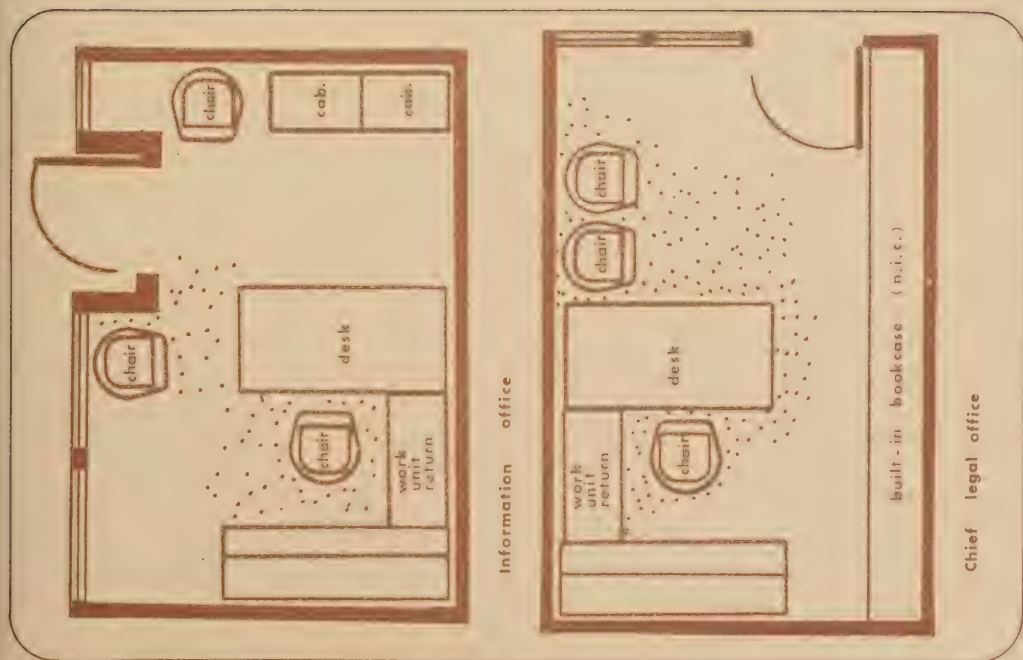
GENERAL NARRATIVE MATERIAL

The Museum of the Rockies is a regional educational resource dedicated to the interpretation of the physical and cultural heritage of Montana and the Northern Rocky Mountain Region. "One place through all of time" is the concept that weaves a thread of historic continuity through all aspects of the Museum, from exhibits and publications to public programs and classes. The Museum features the geology (rocks, minerals and mountain building); paleontology (fossils); archaeology (prehistoric Indian artifacts); ethnology (historic Indian art and artifacts); history (pioneer settlement to the present); and western art of the region, and seeks to interpret and relate all of these aspects of our rich physical and cultural diversity.

It was constructed in modules to facilitate future expansion. The University and Board of Trustees are currently planning additional facilities unique to the entire Northern Rockies to be constructed with private funds. The major components include:

- a planetarium and astronomy gallery
- a geology/paleontology wing
- new archaeology/ethnology exhibits
- new history exhibits
- historic homestead courtyard
- western art gallery
- an auditorium and classrooms
- a reception lobby to feature MSU research exhibits
- an outdoor native prairie

# BONDED PROGRAM





# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Montana State Prison Expansion  
 Project Priority 50  
 Bannum 1983 - 1985

Department Institutions  
 Agency/Program Montana State Prison

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Montana State Prison - West of Deer Lodge

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☒ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The proposed expansion would include the following items which total \$11,821,700:

1. New 192 Man Close Security Housing Unit
2. New Dining Hall/Gymnasium/Music Facility
3. New Administration/Library/Education/Visitors Complex
4. Two Sally Ports
5. Two Guard Towers
6. Fence, Utilities & Paving
7. Food Cart Addition

In addition to the items listed above, the project includes a \$387,000 warehouse complex.

Impact on Existing Facilities:

1. Relieve overcrowding of inmates
2. Relieve over use of current facilities

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED

The single most important problem at the Montana State Prison is overcrowding. The symptoms pervade the entire institution making all aspects of the prison environment more difficult to control.

## E. ALTERNATIVES CONSIDERED:

Fourteen different alternatives were studied. Written evaluation of those alternatives is available upon request.

Rationale for Selection of a Particular Alternative:

1. Long range cost effectiveness
2. Increased Inmate programming potential

Number to be served by Facility: Entire Prison Population estimated to be 775 or more

Functional Space Requirements: (In square feet) 81,210 - 145 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other:	\$	
3.	Construction Cost:	\$	2,950,930
4.	Architectural/Engineering Fees:	\$	796,070
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	
8.	Contingencies:	\$	1,074,700
9.	Other Warehouse	\$	387,000
		\$	
	TOTAL COST	\$	12,208,700
	Less Other Funds Available		
	Source	\$	
	STATE FUNDS REQUIRED	\$	12,208,700

\*Recommended amount includes \$387,000 for a prison warehouse.

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: July 1985

Number of Additional Personnel Required 69.1 FTE

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( <u>1985 - 1987</u> )	
Personal Services	\$ 3,308,338
Operating Expenses	\$ 339,247
Maintenance Expenses	\$ 61,650
2nd BIENNIUM ( <u>1987 - 1989</u> )	
Personal Services	\$ 3,578,299
Operating Expenses	\$ 366,930
Maintenance Expenses	\$ 66,680
3rd BIENNIUM ( <u>1989 - 1991</u> )	
Personal Services	\$ 3,870,288
Operating Expenses	\$ 396,872
Maintenance Expenses	\$ 72,122

\*assume 4% inflation per year from 1983 base

## CAPITAL PROJECT REQUEST

### GENERAL NARRATIVE MATERIAL

The Montana State Prison was originally designed to accommodate 323 inmates. Two additional housing units were added in 1979 to increase the cell space to 515. We currently have 740 men living in this space. We need to add housing, expand the perimeter, and add programs and activity space. We also propose that the compound be subdivided into two relatively independent compounds. This will satisfy the objective of not having a single institution with over 500 capacity, an A C A accreditation standard. It also will satisfy the objective of separating the hard core prisoners in one compound. There will be virtually no prisoner traffic between compounds. All services for prisoners can be provided in both the close/max compound and the med/min compound.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Complete Cisel Hall Remodel and Addition  
 Project Priority 51  
 Biennium 1983 - 1985

Department Montana University System  
 Agency/Program Eastern Montana College

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION:

Eastern Montana College Campus

## (Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

### General Description:

10,000 sq. ft. addition housing an elevator, recital hall, instrument rehearsal room, plus the remodeling of 16,000 sq. ft. of area in Cisel Hall into 3 teaching classrooms, offices, practice rooms, teaching studios and a listening library.

## E. ALTERNATIVES CONSIDERED:

- (a) Request additional money to construct the required addition and remodel  
 (b) Reduce the scope of the project

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This project was originally requested for the 1981-83 Biennium with a total project cost of \$1,780,000. The project was funded for \$1,190,000. It was bid once in June, 1982, and was so far over the money that it is impossible to maintain the scope of the project and redesign it to meet the appropriated funding. Therefore, \$625,000 is needed to complete this project.

## Impact on Existing Facilities:

Will free building presently being used by the Music Dept. to be used as a Computer Services Building.

## Rationale for Selection of a Particular Alternative:

Alternative (b) would not give the required area for the proper operation of the Music Department.

Number to be served by Facility: Entire Campus Community  
 Functional Space Requirements: (in square feet) 26,000 sq. ft.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate:	Dana, Larson & Roubal Associates
1. Land Acquisition:	\$
2. Preliminary Expenses	\$
Site Survey:	\$
Soil Testing:	\$
Other:	\$
3. Construction Cost:	\$ 625,000
4. Architectural/Engineering Fees:	\$ See Note
5. Utilities:	\$
6. Landscaping & Site Development:	\$
7. Equipment:	\$ See Note
8. Contingencies:	\$ See Note
9. Other:	\$
	\$
	\$
	\$
<b>TOTAL COST</b>	\$
Less Other Funds Available	
Source	\$
<b>STATE FUNDS REQUIRED</b>	\$ 625,000

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date:	1985
Number of Additional Personnel Required	- 1.0 FTE
Additional Funds Required when Project is in Full Operation:	
1st BIENNIUM (1985 - 1987)	
Personal Services	\$ 74,250
Operating Expenses	\$ 29,700
Maintenance Expenses	\$ 22,275
2nd BIENNIUM (1987 - 1989)	
Personal Services	\$ 81,675
Operating Expenses	\$ 32,670
Maintenance Expenses	\$ 24,520
3rd BIENNIUM (1989 - 1991)	
Personal Services	\$ 89,842
Operating Expenses	\$ 35,938
Maintenance Expenses	\$ 26,972

NOTE: Architect's figure on total project cost \$1,815,000  
Funded from 1981 - 1983 Biennium - 1,190,000  
Additional Need \$ 625,000

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Department Natural Resources and Conservation  
Agency/Program All Divisions

Project Title Construct New DNRC Building  
Project Priority 52  
Biennium 1983 - 1985

## A. THIS PROJECT (Check One)

- ☒ Is an Original Facility Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Capitol Complex (Sixth & Sanders)

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected \_\_\_\_\_

## C. DESCRIPTION OF FACILITY:

General Description:

A new building to house DNRC. The entire Department will be in this building. Future expansion can be accommodated in the basement or with additional construction on the site. For the immediate future, approximately 14000 square feet will be available in the basement for use by another State agency.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

DNRC is presently housed in four separate buildings which do not readily lend themselves to the Department's functions. The buildings result in numerous inefficiencies and duplications which can be corrected by a new building. The building is over one mile from the Capitol complex making it difficult for the public to find.

## E. ALTERNATIVES CONSIDERED

1. Continue in existing space.
2. Lease a space that can accommodate the entire Department.
3. Build new building.

## Impact on Existing Facilities:

The existing leased facilities will be vacated

## Rationale for Selection of a Particular Alternative:

A new building will create a more efficient operation and facilitate public access by proximity to the Capitol. It will also provide some space for future growth of the Department which, until needed, can be used by another State agency.

Number to be served by Facility: 229+

Functional Space Requirements: (in square feet) 76,856 - 150 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate:	<u>Contract architect</u>	
1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	<u>1,600</u>
Soil Testing:	\$	<u>5,400</u>
Other:	\$	
3. Construction Cost:	\$	<u>5,287,000</u>
4. Architectural/Engineering Fees:	\$	<u>419,000</u>
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	<u>190,000</u>
7. Equipment:	\$	<u>635,000</u>
8. Contingencies:	\$	<u>400,000</u>
9. Other State A/E Admin., Plan Review, etc.	\$	<u>20,000</u>
	\$	
TOTAL COST	\$	<u>6,958,000</u>
Less Other Funds Available		
Source	\$	
STATE FUNDS REQUIRED	\$	<u>6,958,000</u>

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: June 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation: \*

1st BIENNIUM (1985 - 1987)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

2nd BIENNIUM (1987 - 1989)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

3rd BIENNIUM (1989 - 1991)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

\*No additional funds are expected to be needed. It is expected that a new building will result in lower expenses for operating and maintenance.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Construct Two New Cottages  
 Project Priority 53  
 Biennium 1983 - 1985

Department Institutions  
 Agency/Program Corrections

## A. THIS PROJECT: (Check One)

☒ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Pine Hills School, Miles City, Montana

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

1-24 bed cottage for female delinquent youth committed to the Department of Institutions.

1-36 bed co-ed cottage for intake and evaluations of youth committed to the Department of Institutions.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Declining population and excessive costs at Mountain View School have prompted the Governor's Council on Management to recommend the closure of Mountain View School and the consolidation of this program with Pine Hills School

## E. ALTERNATIVES CONSIDERED:

1. The only viable option is to maintain the program as it now functions at Mountain View School.
2. Contracting for services with the private sector is not a viable solution due to the security needs of this population of youth.

## Impact on Existing Facilities:

No additional support facilities will be required.  
 Water and electrical service.

## Rationale for Selection of a Particular Alternative:

This is the only alternative to the current program which has been pursued as the state has the statutory obligation to treat delinquent female youth committed to state custody.

Number to be served by Facility: 60

Functional Space Requirements: (In square feet) 21,400 - 152 -

LONG HANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate:	Architecture and Engineering
1. Land Acquisition:	\$
2. Preliminary Expenses	\$
Site Survey:	\$
Soil Testing:	\$
Other:	\$
3. Construction Cost:	\$ 2,041,436.00
4. Architectural/Engineering Fees:	\$ 150,908.00
5. Utilities:	\$
6. Landscaping & Site Development:	\$ 54,942.00
7. Equipment:	\$ 63,000.00
8. Contingencies:	\$ 231,714.00
9. Other Crazy Horse Demolition	\$ 36,000.00
TOTAL COST	\$ 2,578,000.00
Less Other Funds Available	
Source	\$
STATE FUNDS REQUIRED	\$ 2,578,000.00

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: July 1, 1985

Number of Additional Personnel Required 36.58

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services	\$ 650,123
Operating Expenses	\$ 169,472
Maintenance Expenses	\$ 4,735

2nd BIENNIUM (1987 - 1989)

Personal Services	\$ 676,128
Operating Expenses	\$ 176,251
Maintenance Expenses	\$ 4,925

3rd BIENNIUM (1989 - 1991)

Personal Services	\$ 703,173
Operating Expenses	\$ 183,301
Maintenance Expenses	\$ 5,122

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The proposed closure of the Mountain View School and consolidation of that program into a co-ed facility at Pine Hills School in Miles City will require the construction of two (2) new lodges:

1. One lodge would be constructed with a 24 bed capacity. A federal court consent decree limits the size of a cottage to 20 permanent beds but there are allowances for additional beds for temporary placement for youth in transition from one program to another.
2. The second lodge is proposed to be a 36 bed co-ed unit. It is necessary that this unit be co-ed so that full utilization can be achieved during those times when their use increases or decreases in either the male or female population.

This lodge will be utilized as the intake and evaluation program with lengths of stay approximately 30 and 45 days. This configuration and the proposed program suggests a program of temporary duration for all youth, justifying the 16 beds in excess of the recommended 20 bed maximum addressed in the consent decree.

There are currently housing capabilities at PHS for 125 youth. This proposal would establish the total capacity of a co-ed institution at approximately 175 beds allowing an additional 10 beds for transition between lodges as youth move from one program phase to another.

## CAPITAL PROJECT REQUEST

Engineering Laboratory/Classroom Building

Project Priority

54

Biennium

1983 - 1985

A. THIS PROJECT: (Check One)

## X Is an Original Facility

### Is an Addition to an Existing Facility

Other	Tech campus
1	1
2	2
3	3
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99	99
100	100

B. LOCATION:

LOCATION:

(Check where appropriate)

Site on Currently Owned Property \_\_\_\_\_

X Site to be Selected

Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

The building will be approximately 50,000 gross square feet, multi-story, and adapted specifically for 31 modern laboratories. It will also include 4 classrooms and 20 faculty offices. The building will be accessible by service vehicles for delivery of supplies, materials for the Metallurgy and Mineral Processing Engineering Laboratories, and very complex field laboratory vehicles for Geophysical Engineering field studies.

### Impact on Existing Facilities:

**Will free space in Metallurgy, Physics Petroleum, and Science Engineering Buildings.**

Number to be served by Facility:

Functional Space Requirements: (In square feet)

- 155 -

Department  
Montana University SystemMontana Tech  
Agency/Program

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED

The problem addressed with this facility is severe overcrowding of inadequate and antiquated laboratory facilities in the Mercury Building, inadequate and outdated laboratory facilities in the Physics Petroleum Building, and overcrowding of the Engineering Science Laboratories in the old gym. In addition, it will provide the opportunity to upgrade equipment and accommodate the expanding enrollment in these programs. Having toured similar buildings on two other campuses during the study phase of this program, it is obvious that our facilities are far behind modern facilities and are even to the point of being dangerous because of overcrowding and old equipment.

E. ALTERNATIVES CONSIDERED:

1. Construction of a building to house only Metallurgy and Mineral Processing Engineering with private funds. The cost would be \$2,500,000

### Rationale for Selection of a Particular Alternative:

Because the enrollment in Petroleum Engineering curricula is growing rapidly, we need more space for that department. By moving Physics and Geophysics to the present Physics Petroleum Building, can accommodate that growth. The recently completed Engineering Science Labs in the remodeled gym are already overcrowded because of the tremendous growth in Tech's Engineering enrollment. For these reasons it was felt that the time to make the leap into the future was now. Economics of scale will allow us to get more square footage per dollar from a larger building than the smaller bldg, and will allow us to place discipline's adjacent to one another that could share laboratory requirements in the same building.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Davidson and Kuhr, Architects

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other: testing	\$	20,000
3.	Construction Cost:	\$	4,071,150
4.	Architectural/Engineering Fees:	\$	366,540
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	191,000
7.	Equipment:	\$	150,000
8.	Contingencies:	\$	173,690
9.	Other	\$	27,620

TOTAL COST \$ 5,000,000  
Less Other Funds Available  
Source Private Donations 2,500,000

STATE FUNDS REQUIRED \$ 2,500,000

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Fall, 1985

Number of Additional Personnel Required 4

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (250,000)

Personal Services

\$ 140,000

Operating Expenses

\$ 80,000

Maintenance Expenses

\$ 30,000

2nd BIENNIUM (293,000)

Personal Services

\$ 168,000

Operating Expenses

\$ 92,000

Maintenance Expenses

\$ 33,000

3rd BIENNIUM (342,800)

Personal Services

\$ 201,000

Operating Expenses

\$ 105,800

Maintenance Expenses

\$ 36,000

Project Title Expand Greenhouse/Headhouse Complex  
 Project Priority 55  
 Biennium 1983 - 1985

Department Montana University System  
 Agency/Program Montana Agricultural Experiment Station

## A. THIS PROJECT: (Check One)

☒ Is an Original Facility  
☒ Is an Addition to an Existing Facility  
☐ Other

☐ Renovates an Existing Facility  
☒ Replaces an Existing Facility

B. LOCATION: Bozeman Campus

(Check where appropriate)

☒ Site on Currently Owned Property  
☐ Site to be Selected  
☐ Site Already Selected

☒ Utilities Already Available  
☒ Access Already Available

## C. DESCRIPTION OF FACILITY:

General Description:

Replacement of a portion of existing greenhouse and headhouse facilities and construction of additional ones.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Greenhouse facilities at MSU are much below average in both quality and amount when compared with similar land grant schools. The load imposed upon them is not below this average, however, This means that more and better work could be done to serve Montana and its students should this project be funded.

See GENERAL NARRATIVE MATERIAL

## E. ALTERNATIVES CONSIDERED:

There is no viable alternative solution to this serious problem.

## Impact on Existing Facilities:

See above.

Rationale for Selection of a Particular Alternative:

See above.

Number to be served by Facility: Students 1360 - Faculty 70Functional Space Requirements: (In square feet) Replace 12,675 sq.ft., Build new 48,000 sq.ft.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate:	MSU Facilities Planning
1. Land Acquisition:	\$ _____
2. Preliminary Expenses	\$ _____
Site Survey:	\$ 2,000
Soil Testing:	\$ 3,000
Other: Plan review, admin., testing	\$ 5,000
3. Construction Cost:	\$ 4,285,000
4. Architectural/Engineering Fees:	\$ 337,500
5. Utilities:	\$ 200,000
6. Landscaping & Site Development:	\$ 20,000
7. Equipment:	\$ 250,000
8. Contingencies:	\$ 200,000
9. Other	\$ _____
<b>TOTAL COST</b>	<b>\$ 5,302,500</b>
Less Other Funds Available	\$ _____
Source	\$ _____
<b>STATE FUNDS REQUIRED</b>	<b>\$ 5,302,500</b>

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date:	Sept. 1, 1985
Number of Additional Personnel Required	2
Additional Funds Required when Project is in Full Operation:	
1st BIENNIUM ( 535,200 )	
Personal Services	\$ 80,000
* Operating Expenses	\$ 401,280
** Maintenance Expenses	\$ 53,920
2nd BIENNIUM ( 630,830 )	
Personal Services	\$ 90,000
* Operating Expenses	\$ 476,770
** Maintenance Expenses	\$ 64,060
3rd BIENNIUM ( 744,555 )	
* Personal Services	\$ 102,000
** Operating Expenses	\$ 566,435
Maintenance Expenses	\$ 76,120

\*Based on \$4/sq.ft./yr. for new construction plus 9% inflation/yr.

\*\*Based on 3/4%/construction cost new construction/yr. plus 9% inflation/yr.

GENERAL NARRATIVE MATERIAL

Agriculture is Montana's leading industry. Research and education play a vital role in maintaining a healthy agriculture. Montana State University and the Agricultural Experiment Station have the responsibility of developing a sound agricultural teaching and research program for Montana.

Adequate greenhouse and headhouse facilities are a vital component of agricultural education and research. They provide the necessary facilities to enhance research efficiency and provide students with "hands-on" educational opportunities. The amounts of greenhouse and headhouse space at Montana State University are among the lowest in the nation in space per scientist, per teacher, and per student. In addition, most of the current facilities are obsolete and some badly deteriorated to the point that repair is not economically justifiable.

In order to satisfy current research and teaching needs, an expansion of the greenhouse complex at a total cost of \$5.3 million is necessary. This facility represents an investment in research associated with Montana's largest industry. It also provides teaching facilities appropriate to the needs of Montana's agricultural students.

\*An in-depth analysis of needs and a proposed program to satisfy these needs are available at the Architecture and Engineering Division.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title River Front Land Purchase  
Project Priority 56  
Biennium 1983 - 1985

Department Montana University System  
Agency/Program University of Montana

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☒ Other Land Purchase and Utility Line Change

B. LOCATION: Between the Clark Fork River and the University of Montana Campus

## (Check where appropriate)

- ☐ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The University wants to purchase Parcels A and B in the River Corridor.

## E. ALTERNATIVES CONSIDERED:

We considered allowing it to be purchased by others but that may mean commercial development at the edge of the campus. This is the only alternative if the land is not acquired by the university.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Unless the University takes positive steps to purchase this land, it could be developed by others and thereby infringe on the natural setting and environment of the campus.

## Impact on Existing Facilities:

Purchasing the property will protect the boundaries of the campus.

## Rationale for Selection of a Particular Alternative:

Only the alternative of a purchase serves the long-run needs of the campus.

Number to be served by Facility: Campus Community

Functional Space Requirements: (In square feet) N/A

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: University of Montana

1.	Land Acquisition:	\$	<u>460,000.00</u>
2.	Preliminary Expenses	\$	_____
	Site Survey:	\$	_____
	Soil Testing:	\$	_____
	Other:	\$	_____
3.	Construction Cost:	\$	_____
4.	Architectural/Engineering Fees:	\$	_____
5.	Utilities:	\$	<u>40,000.00</u>
6.	Landscaping & Site Development:	\$	_____
7.	Equipment:	\$	_____
8.	Contingencies:	\$	_____
9.	Other	\$	_____
	TOTAL COST	\$	<u>500,000.00</u>
	Less Other Funds Available		
	Source	\$	_____
	STATE FUNDS REQUIRED	\$	<u>500,000.00</u>

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: N/A

Number of Additional Personnel Required N/A

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

2nd BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

3rd BIENNIUM ( \_\_\_\_\_ )

Personal Services

\$ \_\_\_\_\_

Operating Expenses

\$ \_\_\_\_\_

Maintenance Expenses

\$ \_\_\_\_\_

## LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

### GENERAL NARRATIVE MATERIAL

There is a corridor of land that lies between the University and the Clark Fork River. When the Milwaukee Railroad ceased operation of its track system through Missoula that land became available for private purchase. The land is strategically located in relation to the University. It is imperative that it be added to the University's property in order to preserve its use for the future of the institution.

When this River Corridor land became available for acquisition, a group of citizens (fourteen in number) formed a silent trust and borrowed the money to purchase Parcels A and B, along the University of Montana boundary. These individuals personally guarantee the debt. Their objective was to preserve the land for purchase by the University.

In the Fall of 1981, it became clear that they would be unable to commit sufficient resources to hold the land until after the 1983 Legislative Session and consequently they approached the University of Montana Foundation to purchase the land and guarantee the debt. After considerable discussion, the University of Montana Foundation agreed to pledge Foundation assets for this project, at least until such time as the project could be considered by the Legislature.

The interest is accumulating on the debt and it is estimated that by July 1, 1983, the total cost (principal plus interest) will approximate \$460,000. In addition, the University would like to reroute the utility lines which cross the property; it is estimated that this aspect will require an additional \$40,000 bringing the total cost to \$500,000. The land totals 9.13 acres. Both parcels are irregular in shape. Parcel 'A' is roughly 225 feet wide and 650 feet long, and Parcel 'B' is approximately 250 feet wide and 1000 feet long. The cost per foot is approximately \$1.15 (excluding the utility line portion) which is substantially lower than its market value.

While the Foundation has pledged its assets against this purchase, settlement of the debt would deplete the Foundation's uncommitted assets and hamper its assistance to the University of Montana.

This land needs to be made part of the University of Montana. It's use for the public good must be established for future generations of Montana citizens.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Forensic Building Remodel and Addition  
 Project Priority 57  
 Biennium 1983 - 1985

Department Institutions  
 Agency/Program Warm Springs/Galen State Hospital

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Warm Springs Campus

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Maximum and Minimum Security Structure

## E. ALTERNATIVES CONSIDERED:

1. Leave as is.
2. Remodel and add to existing structure.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Census projections indicate current forensic units will reach capacity between 1984 and 1985. Requested addition would expand 56/57 facility to allow consolidation of forensic patients now spread between two locations, would provide space for patient load increase through early 1990s, would allow for an expanded treatment program, and would upgrade conditions in 56 and 57.

## Impact on Existing Facilities:

Requested expansion of Unit 56/57 would allow consolidation of forensic units. It would permit the closing of Units 85 and 86 and would result in an annual utilities savings of approximately \$12,000 per year.

## Rationale for Selection of a Particular Alternative:

Alternative 2 is recommended because of the factors identified in section D.

Number to be served by Facility: 120 Patients

Functional Space Requirements: (In square feet) 14,872

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering Division

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 1,662,676
4. Architectural/Engineering Fees: \$ 199,521
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 166,267
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 2,028,464  
Less Other Funds Available  
Source \$ \_\_\_\_\_

STATE FUNDS REQUIRED \$ 2,028,464

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: July 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services \$ -0-  
Operating Expenses \$ Savings  
Maintenance Expenses \$ Savings

2nd BIENNIUM (1987 - 1989)

Personal Services \$ -0-  
Operating Expenses \$ Savings  
Maintenance Expenses \$ Savings

3rd BIENNIUM (1989 - 1991)

Personal Services \$ -0-  
Operating Expenses \$ Savings  
Maintenance Expenses \$ Savings

#### FORENSIC

This request is to upgrade units 56 and 57 in the areas of: Ventilation, heating, air conditioning, sanitary fixtures, showers, intercom system, etc., and to expand that complex by adding 74 new beds. This would result in a consolidated facility of 120 beds and would allow the closure of the 29 beds located in units 85 and 86.

Since 1979 the patient level in the forensic units has been on the rise. 1979 showed a 2.7 percent increase over 1978. 1980 was 8.6 percent higher than the prior year. 1981 increased 6 percent over 1980, and 1982 is projected to be 6.8 percent higher than 1981. The trend line for increased usage of the forensic units (56, 57, 85, and 86) is very definitely in an upward swing. It is projected the current 75 beds of the forensic units will be at capacity between 1984 and 1985. If the forensic unit at Warm Springs/Galen State Hospital is to continue to meet the needs of the Courts, Prison System, and other Institutions of the State of Montana, then the requested expansion from 75 to 120 beds should be approved. Failure to approve this request will put the unit in the position of not being able to meet the demands placed upon it.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Remodel Infirmary  
 Project Priority **5B**  
 Biennium 1983 - 1985

Department Institutions  
 Agency/Program Montana State Prison

- A. THIS PROJECT: (Check One)
- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other The facility is adjacent to the existing infirmary.
- B. LOCATION: \_\_\_\_\_

(Check where appropriate)

☐ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☒ Site Already Selected

- C. DESCRIPTION OF FACILITY:  
 General Description:
- The existing facility which was used by a pharmaceutical company as a research center can easily be remodeled to become additional space for the use of the infirmary.

- E. ALTERNATIVES CONSIDERED:
1. Use of outside private facilities.
  2. Remodeling of existing facilities.
  3. Building of a new facility.

- D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:
- The in-house medical treatment program used within the Montana State Prison proper was designed to serve 320 inmates. Because the number of inmates has grown to be greater than 700, the need for additional space is imminent.

## Impact on Existing Facilities:

A small amount of remodeling.

## Rationale for Selection of a Particular Alternative:

The remodeling of the existing facilities is a much more efficient solution than the use of outside facilities and is more cost effective than the construction of a new building.

Number to be served by Facility: 700 plus inmates  
 Functional Space Requirements: \_\_\_\_\_ (in square feet) approximately 7000 sq. ft.

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate:	Architecture & Engineering Division	
1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	141,000
4. Architectural/Engineering Fees:	\$	19,000
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	38,000
7. Equipment:	\$	
8. Contingencies:	\$	18,000
9. Other Inflation	\$	9,000
	\$	
<b>TOTAL COST</b>	\$	<b>225,000</b>
Less Other Funds Available		
Source	\$	
<b>STATE FUNDS REQUIRED</b>	\$	<b>225,000</b>

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1984

Number of Additional Personnel Required

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services

\$

Operating Expenses

\$

5,400.00 (utilities)

Maintenance Expenses

\$

500.00

2nd BIENNIUM (1987 - 1989)

Personal Services

\$

Operating Expenses

\$

5,900.00 (utilities)

Maintenance Expenses

\$

750.00

3rd BIENNIUM (1989 - 1991)

Personal Services

\$

6,300.00 (utilities)

Operating Expenses

\$

1,000.00

Maintenance Expenses

\$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Construct Veteran's & Pioneer Memorial Building Addition

Department Education  
Agency/Program Montana Historical Society

Project Priority 59  
Biennium 1983 - 1985

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☐ Renovates an Existing Facility  
☒ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

B. LOCATION: 225 North Roberts, Helena, Montana  
Northeast side of existing building

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description: An addition of approximately 18,500 square feet in three floors plus basement, to the existing building. The addition will provide more storage, work, and office space, as well as additional gallery space. We do not anticipate future expansion of the project. The addition will need to be climate controlled and equipped with the latest in fire detection equipment.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The addition will address the following space needs in order of priority:

1. Climate controlled, secure, accessible and clean storage for archival and museum materials that are of high value.
2. Work space for the museum, archive, library and education programs.
3. Office space.
4. Gallery space.

## E. ALTERNATIVES CONSIDERED:

Construction of a new facility on another site.

Impact on Existing Facilities: Included within the proposal are funds for major renovation of the existing building. Space currently used as office space will be converted to storage space. The climate control system of the existing building will also be improved.

## Rationale for Selection of a Particular Alternative:

This alternative was selected as being the most cost effective solution to the pressing space needs of the Society.

Number to be served by Facility: 50 employees; 110,000 visitors annually

Functional Space Requirements: (In square feet) 18,500

## CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering

- |    |                                 |                     |
|----|---------------------------------|---------------------|
| 1. | Land Acquisition:               | \$                  |
| 2. | Preliminary Expenses            | \$                  |
|    | Site Survey:                    | \$                  |
|    | Soil Testing:                   | \$                  |
|    | Other:                          | \$                  |
| 3. | Construction Cost:              | \$ 1,919,226        |
| 4. | Architectural/Engineering Fees: | \$ 167,938          |
| 5. | Utilities:                      | \$                  |
| 6. | Landscaping & Site Development: | \$                  |
| 7. | Equipment:                      | \$ 100,000          |
| 8. | Contingencies:                  | \$ 36,946           |
| 9. | Other Climate Control           | \$ 89,185           |
|    | Communications                  | \$ 50,000           |
|    | <b>TOTAL COST</b>               | <b>\$ 2,363,295</b> |
|    | Less Other Funds Available      |                     |
|    | Source                          | \$                  |

STATE FUNDS REQUIRED \$ 2,363,295

\*Project recommended for funding at reduced program level - 169 -

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Spring, 1985

Number of Additional Personnel Required

Additional Funds Required when Project is in Full Operation:

1st BIENNium (1985 - 1987)

## Personal Services

Operating Expenses

## Maintenance Expenses

2nd BIENNium (1987-1989)

## Personal Services

## Operating Expenses

### Maintenance Expenses

3rd BIENNium (1989 - 1991)

## Personal Services

## Operating Expenses

### Maintenance Expenses

STATE FUNDS REQUIRED \$ 2,363,295

\*Project recommended for funding at reduced program level - 169 -

## LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

### GENERAL NARRATIVE MATERIAL

The Montana Historical Society is charged by statute (22-3-101 M.C.A.) with the "Acquisition, preservation, and protection of historical records, art, archival and museum objects. . ." The lack of proper storage space jeopardizes the public trust put in the Historical Society that people have when they make donations of artifacts or money to the Society. They expect that what they have given to the Society will be taken care of according to professional standards.

The building addition will address some long standing needs in the Society. The Society and the State of Montana have assets in excess of \$45 million stored in this building. These assets include fine art, artifacts, library books and documents. Climate controlled storage is essential because the objects and paper will deteriorate without it. Fluctuations in temperature and humidity are extremely detrimental to the proper storage of these items. No additional storage space has been acquired for these high valued items since 1951 - 1952. The collections have continued to grow during this time. The Archives program has acquired the State Records Management function since this time and are now responsible for all legal and historic state documents in Montana. Archives has reached the maximum point in space utilization and has no more room to store these valuable documents that they are required by law to take.

At the present time the Society is utilizing existing space in the basement for office and work space that was meant to be storage space. The area makes a poor substitute for area where employees are expected to work. There is poor temperature control and it is dark with no access to fresh air. There is also inadequate space available for the proper processing of archival, photo archival and museum collections.

The additional 18,500 square feet should address the Society's space needs for approximately the next ten years.

## CAPITAL PROJECT REQUEST

Project Title Social Science Renovation  
 Project Priority 60  
 Biennium 1983 - 1985

Department Montana University System  
 Agency/Program University of Montana

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility

☒ Other Completes the 4th Floor

B. LOCATION: Social Science Building

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

Renovate the 4th Floor of the Social Science Building, a floor never completed in an earlier remodeling of this facility, for the Computer Science Department.

## E. ALTERNATIVES CONSIDERED:

The alternative explored for Computer Science was the construction of a new facility.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Computer Science Department, one of the largest and fastest growing departments on campus, has inadequate facilities. The Department is presently located in various spaces of University Hall, which were never designed for this program. The present location of the Department is also inaccessible to handicapped students.

## Impact on Existing Facilities:

Provide for more effective utilization of the space on the Fourth Floor.

## Rationale for Selection of a Particular Alternative:

As long as we have existing facilities available for use by renovation, the University did not consider it cost effective to construct a new facility to house only Computer Science.

Number to be served by Facility: 3,250

Functional Space Requirements: (in square feet) 7,000 - 171 -

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: University of Montana

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other:	\$	
3.	Construction Cost:	\$	370,000.00
4.	Architectural/Engineering Fees:	\$	40,700.00
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	45,000.00
8.	Contingencies:	\$	36,100.00
9.	Other Administrative Costs	\$	7,200.00
		\$	
	TOTAL COST	\$	499,000.00
	Less Other Funds Available		
	Source	\$	
	STATE FUNDS REQUIRED	\$	499,000.00

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: January 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1983 - 1985)

Personal Services

\$ 8,300.00

Operating Expenses

\$ 1,660.00

Maintenance Expenses

\$ 400.00

2nd BIENNIUM (1985 - 1987)

Personal Services

\$ 18,260.00

Operating Expenses

\$ 3,750.00

Maintenance Expenses

\$ 1,250.00

3rd BIENNIUM (1987 - 1989)

Personal Services

\$ 20,350.00

Operating Expenses

\$ 4,150.00

Maintenance Expenses

\$ 1,250.00

GENERAL NARRATIVE MATERIAL

This major renovation project in the Social Science Building pertains to relocating the Computer Science Department from the basement of University Hall to the Fourth floor of the Social Science Building. This discipline is one of the University's fastest growing programs. Currently, Computer Science has over 250 majors and services another 3,000 students in other programs. Almost every science and professional program requires some computer courses. The program's location in the basement of University Hall is totally inadequate; many of the office spaces give the aura of storage areas. More importantly, for the number of students served, the laboratory space is too small and poorly designed for this program. As the number of faculty increases, as we expect it to, we will have to move a portion of the program to another facility because we do not have enough private offices in University Hall to assign to these new faculty.

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Build Emergency Operating Center  
Project Priority 61  
Biennium 1983 - 1985

Department Military Affairs  
Agency/Program Disaster and Emergency Services and Army National Guard

## A. THIS PROJECT:(Check One)

☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION:

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

The Project consists of major alteration of existing space in the State Armory with resource and basic communications equipment necessary to centralize individual communications systems now existent within State government for day to day and emergency operations. In addition, it would update the mechanical and electrical systems and provide various modifications to comply with federal codes.

Impact on Existing Facilities:

Would offer better space management and more efficient utilization of existing facilities for personnel of the Department of Military Affairs as well as provide accommodations for personnel from other departments in the communications center, which would free space presently utilized for other purposes.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This project is an effort to solve the existing problems of fragmented systems and facilities of State government relating to day to day and emergency communications and response capabilities which result in duplication of systems, personnel and space requirements. This addresses especially the lack of coordination of State personnel and resources during emergency situations which determines our ability to provide maximum public safety and protection of property. Also, while the Armory is a well-built, sound, facility, it is 40 years old and in need of improvements to the mechanical and electrical distribution systems that have become outdated and overloaded over the years.

## E. ALTERNATIVES CONSIDERED:

1. Accomplish the required improvements on a prioritized basis.
2. Combine all needed improvements into one project.
3. Do nothing and live with the present situation.

Rationale for Selection of a Particular Alternative:

Alternative No. 2 was selected as it addresses the immediate problems and would accomplish the project at the least cost to the State.

Number to be served by Facility: 70

Functional Space Requirements: (In square feet) N/A

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate:	Contract Architect
1. Land Acquisition:	\$
2. Preliminary Expenses	\$
Site Survey:	\$
Soil Testing:	\$
Other:	\$
3. Construction Cost:	\$ 1,422,000
4. Architectural/Engineering Fees:	\$ 135,090
5. Utilities:	\$
6. Landscaping & Site Development:	\$
7. Equipment:	\$
8. Contingencies:	\$ 77,856
9. Other Advertising	\$ 150
Plan Review Fees	\$ 3,948
TOTAL COST	\$ 1,639,044
Less Other Funds Available	
Source NGB	\$ 304,394
FEMA	\$ 500,294
STATE FUNDS REQUIRED	\$ 834,356

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: October 1985

Number of Additional Personnel Required - 0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

2nd BIENNIUM (1987 - 1989)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

3rd BIENNIUM (1989 - 1991)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Construct Hatchery, Creston Springs Department Fish, Wildlife & Parks  
 Project Priority 62 Agency/Program Fisheries  
 Biennium 1983 - 1985

- A. THIS PROJECT: (Check One)
- ☐ Is an Original Facility ☐ Renovates an Existing Facility
  - ☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility
  - ☒ Other ☐ Relocate Facility
- B. LOCATION: Flathead Lake Salmon Hatchery  
Somers, Montana to Creston Springs
- (Check where appropriate)
- ☒ Site on Currently Owned Property ☐ Utilities Already Available
  - ☐ Site to be Selected ☐ Access Already Available
  - ☐ Site Already Selected
- C. DESCRIPTION OF FACILITY:  
 General Description:  
 These funds will be used to relocate the Flathead Lake Salmon Hatchery to Creston Springs. Construct new hatchery, feed storage and office building, shop, drill well for water supply, pipe lines to hatchery troughs and outside rearing tanks.
- D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:  
 Relocation is needed due to a continuing water supply shortage. The present system does not have water nor rearing capabilities to supply the numbers and sizes of kokanee needed for the statewide fish stocking program. The use of the alternate water supply has caused disease and temperature problems with the hatching and rearing of small fish.
- E. ALTERNATIVES CONSIDERED:  
 It is not possible to correct the problem at the present facility because we do not own the area where the spring rises. Thus we cannot control other uses of this area which have degraded the water supply. Quality water is needed to produce fish, therefore well or spring water free of fish and other contaminants are necessary for a good fish rearing facility.
- Rationale for Selection of a Particular Alternative:  
 See Alternatives Considered

Impact on Existing Facilities:

Move equipment and close present facility

## CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate:	Fish, Wildlife & Parks Personnel	
1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	372,000
4. Architectural/Engineering Fees:	\$	40,000
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	43,000
9. Other:	\$	
	\$	
TOTAL COST	\$	455,000
Less Other Funds Available		
Source ERA	\$	455,000
STATE FUNDS REQUIRED	\$	-0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: June 1985

Number of Additional Personnel Required 1.0

Additional Funds Required when Project is in Full Operation:

1st BIENNium (1985 - 1987)

Personal Services	\$	17,925
Operating Expenses	\$	1,500
Maintenance Expenses	\$	

2nd BIENNium (1987 - 1989)

Personal Services	\$	17,925
Operating Expenses	\$	1,500
Maintenance Expenses	\$	

3rd BIENNium (1989 - 1991)

Personal Services	\$	17,925
Operating Expenses	\$	1,500
Maintenance Expenses	\$	

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Renovate Hatchery, Great Falls  
Project Priority 63  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Fisheries

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B.

LOCATION: Great Falls

(Check where appropriate)

- ☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

These funds will be used to construct rearing ponds, pipe line, shop, and garage. This facility is needed to replace poorly designed, old rearing facilities to meet increased demands for trout and salmon culture and as a distribution point for cool-water species.

Impact on Existing Facilities:

Construct additional rearing facility at Great Falls, new pipe line for additional water supply, reconstruct garage and shop to meet increased demand for equipment maintenance.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The raceways and rearing ponds at Great Falls were constructed in 1922 and 1940. The water levels of Rainbow Dam will not allow ponds to drain, this reduces production, also the rearing facility needs to be expanded to meet increased demands in trout and salmon production.

## E. ALTERNATIVES CONSIDERED:

Abandon any increase in production. If new rearing facility at Great Falls is not completed we will not meet the present demand for trout and salmon and holding areas for cool-water species.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

Number to be served by Facility: N/A

## CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ \_\_\_\_\_

2. Preliminary Expenses \$ 20,000

Site Survey: \$ \_\_\_\_\_

Soil Testing: \$ \_\_\_\_\_

Other: \$ \_\_\_\_\_

3. Construction Cost: \$ 1,775,000

4. Architectural/Engineering Fees: \$ 100,000

5. Utilities: \$ \_\_\_\_\_

6. Landscaping & Site Development: \$ \_\_\_\_\_

7. Equipment: \$ \_\_\_\_\_

8. Contingencies: \$ 5,000

9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 1,900,000

Less Other Funds Available  
Source ERA \$ 1,900,000

STATE FUNDS REQUIRED \$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: June 1986Number of Additional Personnel Required .50

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM: (1985 - 1987)Personal Services \$ 8,000Operating Expenses \$ 20,000

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM: (1987 - 1989)Personal Services \$ 9,000Operating Expenses \$ 20,000Maintenance Expenses \$ 5,0003rd BIENNIUM: (1989 - 1991)Personal Services \$ 10,000Operating Expenses \$ 25,000Maintenance Expenses \$ 5,000

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Renovate Hatchery, Big Timber  
Project Priority 64  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Fisheries

## A. THIS PROJECT: (Check One)

☐ Is an Original Facility ☒ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☐ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

LOCATION: Yellowstone River Trout Hatchery  
Big Timber, Montana

(Check where appropriate)

☒ Site on Currently Owned Property ☒ Utilities Already Available  
☐ Site to be Selected ☒ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

These funds will be used to construct a combination hatchery, fish food storage and office building, water supply lines to hatchery and rearing ponds, replace existing pond with two concrete raceways. The construction is needed to meet increased demands for Yellowstone cutthroat and to replace the present hatchery which is badly rotted.

Impact on Existing Facilities:

Raze existing frame structure and replace with metal or concrete that has a greater resistance to moisture, replace water intake line. This will probably limit production from this hatchery for one year.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This facility is a frame structure, built during early 1922. The constant moisture problems from inside the hatchery has caused deterioration of wall studs and sills. Replace elevated pipeline with underground siphon. Construct two concrete raceways to increase production and improve sanitary rearing facilities.

## E. ALTERNATIVES CONSIDERED:

Do not increase production from this station to meet increased demand. Present hatchery building will eventually collapse and hatchery will have to be abandoned.

Would not meet the demand for the trout species reared at the Yellowstone River Trout Hatchery.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

Number to be served by Facility: N/A

Functional Space Requirements: (In square feet) N/A - 180 -

# CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife & Parks Personnel

1. Land Acquisition: \$ \_\_\_\_\_
2. Preliminary Expenses \$ \_\_\_\_\_
- Site Survey: \$ \_\_\_\_\_
- Soil Testing: \$ \_\_\_\_\_
- Other: \$ \_\_\_\_\_
3. Construction Cost: \$ 400,000
4. Architectural/Engineering Fees: \$ 55,000
5. Utilities: \$ \_\_\_\_\_
6. Landscaping & Site Development: \$ \_\_\_\_\_
7. Equipment: \$ \_\_\_\_\_
8. Contingencies: \$ 45,000
9. Other: \$ \_\_\_\_\_

TOTAL COST \$ 500,000  
 Less Other Funds Available  
 Source ERA \$ 500,000

STATE FUNDS REQUIRED \$ -0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: June 1985

Number of Additional Personnel Required: None

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM: 1985 - 1987

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ 2,000

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM: 1987 - 1989

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ 2,000

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM: 1989 - 1991

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ 2,000

Maintenance Expenses \$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Great Falls Regional Headquarters  
Project Priority 65  
Biennium 1983 - 1985

Department \_\_\_\_\_  
Agency/Program \_\_\_\_\_

## A. THIS PROJECT:(Check One)

☒ Is an Original Facility \_\_\_\_\_ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☒ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Great Falls, Montana

(Check where appropriate)

☒ Site on Currently Owned Property \_\_\_\_\_ Utilities Already Available  
☐ Site to be Selected \_\_\_\_\_ Access Already Available  
☐ Site Already Selected \_\_\_\_\_

## C. DESCRIPTION OF FACILITY:

General Description:

A new regional headquarters and maintenance complex would be constructed at Giant Springs State Park. The structures would also provide orientation lobby, small auditorium, and flush toilets available to the park users.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing headquarters is in violation of state building codes and is in a residential area. The access to it is awkward. Vandalism is high. Floor space size is outdated. The maintenance compound is small and unroofed. This new structure would provide visitor facilities at the Giant Springs State Park.

1. Flush toilets
2. Display area
3. Small auditorium for nature talks
4. Park administrative site

## E. ALTERNATIVES CONSIDERED:

1. No action: Continue in restricted office and storage space. Vandalism will remain.
2. Complete project at reduced level using only earmarked revenue.

## Impact on Existing Facilities:

The existing facilities would be sold. The new site at Giant Springs is reserved for this facility with no activity on it at the present time.

## Rationale for Selection of a Particular Alternative:

Security exists at the park and would be extended to the new facility, through implementation of Alternative #2. The project has been recommended at \$880,000 which reflects the limited amount of LRBP funds available for projects that have potential for funding from other sources.

Number to be served by Facility: 42

Functional Space Requirements: (In square feet) 13947 - 182 -

# CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate:	Architecture and Engineering Division
1. Land Acquisition:	\$ _____
2. Preliminary Expenses	\$ _____
Site Survey:	\$ _____
Soil Testing:	\$ _____
Other:	\$ _____
3. Construction Cost:	\$ <u>815,000</u>
4. Architectural/Engineering Fees:	\$ <u>73,350</u>
5. Utilities:	\$ _____
6. Landscaping & Site Development:	\$ _____
7. Equipment:	\$ _____
8. Contingencies:	\$ <u>91,650</u>
9. Other:	\$ _____
TOTAL COST	\$ <u>980,000</u>
Less Other Funds Available	
Source ERA	\$ <u>880,000</u>
STATE FUNDS REQUIRED	\$ <u>100,000</u>

\*Project recommended for funding at reduced program level. (Delete \$100,000 LRBP funds)

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Nov. 1985

Number of Additional Personnel Required -0-

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

2nd BIENNIUM (1987 - 1989)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

3rd BIENNIUM (1989 - 1991)

Personal Services \$ \_\_\_\_\_

Operating Expenses \$ \_\_\_\_\_

Maintenance Expenses \$ \_\_\_\_\_

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Glasgow Regional Headquarters  
Project Priority 66  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Administration

## A. THIS PROJECT: (Check One)

- ☐ Is an Original Facility  
☒ Is an Addition to an Existing Facility  
☐ Other Renovates an Existing Facility  
☐ Replaces an Existing Facility

## B. LOCATION: Glasgow, Montana

(Check where appropriate)

- ☒ Site on Currently Owned Property  
☐ Site to be Selected  
☐ Site Already Selected  
☐ Utilities Already Available  
☐ Access Already Available

## C. DESCRIPTION OF FACILITY:

General Description:

A new regional headquarters would be constructed at the existing site. The existing structure would provide storage and vehicle service space. A fenced compound would be built for material storage. The parking would be repaved.

## E. ALTERNATIVES CONSIDERED:

No action: Small portable heaters would be needed for heat. Continue restricted office and storage space. Storage area vandalism will remain.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing facility is hard to heat and is in violation of state building codes. Floor space size is outdated. The maintenance compound is small and unroofed.

## Impact on Existing Facilities:

The existing facilities would be used for storage. The new office space would be built on the existing site directly south of the present office building.

## Rationale for Selection of a Particular Alternative:

Long-term savings in utility bills and office maintenance.

Number to be served by Facility: 14

Functional Space Requirements: (In square feet) 2500

LONG RANGE BUILDING PROGRAM  
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1. Land Acquisition:	\$	
2. Preliminary Expenses	\$	
Site Survey:	\$	
Soil Testing:	\$	
Other:	\$	
3. Construction Cost:	\$	184,000
4. Architectural/Engineering Fees:	\$	16,560
5. Utilities:	\$	
6. Landscaping & Site Development:	\$	
7. Equipment:	\$	
8. Contingencies:	\$	19,440
9. Other:	\$	
TOTAL COST	\$	220,000
Less Other Funds Available		
Source <u>ERA</u>	\$	220,000
STATE FUNDS REQUIRED	\$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1985

Number of Additional Personnel Required

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
2nd BIENNIUM (1987 - 1989)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$
3rd BIENNIUM (1989 - 1991)	
Personal Services	\$
Operating Expenses	\$
Maintenance Expenses	\$

# LONG RANGE BUILDING PROGRAM CAPITAL PROJECT REQUEST

Project Title Bozeman Regional Headquarters  
Project Priority 67  
Biennium 1983 - 1985

Department Fish, Wildlife & Parks  
Agency/Program Administration

## A. THIS PROJECT: (Check One)

☒ Is an Original Facility ☐ Renovates an Existing Facility  
☐ Is an Addition to an Existing Facility ☒ Replaces an Existing Facility  
☐ Other \_\_\_\_\_

## B. LOCATION: Bozeman, Montana

(Check where appropriate)

☒ Site on Currently Owned Property ☐ Utilities Already Available  
☐ Site to be Selected ☐ Access Already Available  
☐ Site Already Selected

## C. DESCRIPTION OF FACILITY:

General Description:

A new regional headquarters and maintenance complex would be constructed in Bozeman. The Research Lab would be moved from MSU to this building.

## D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing headquarters is in violation of state building codes and in a commercial area. The access to it is awkward. Vandalism is high. Floor space is outdated. The maintenance compound is small and unroofed.

## E. ALTERNATIVES CONSIDERED:

No action: Continue in restricted office and storage space. Vandalism will remain.

## Impact on Existing Facilities:

The existing facilities would be sold.

## Rationale for Selection of a Particular Alternative:

Construction of a complex is the only alternative that consolidates an operation which is currently fragmented and eliminates the problems mentioned above.

Number to be served by Facility: 42

Functional Center Description: (In course font) 21801

## CAPITAL PROJECT REQUEST

## F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering Division

1.	Land Acquisition:	\$	
2.	Preliminary Expenses	\$	
	Site Survey:	\$	
	Soil Testing:	\$	
	Other:	\$	
3.	Construction Cost:	\$	1,418,000
4.	Architectural/Engineering Fees:	\$	127,620
5.	Utilities:	\$	
6.	Landscaping & Site Development:	\$	
7.	Equipment:	\$	
8.	Contingencies:	\$	154,380
9.	Other	\$	
	TOTAL COST	\$	1,700,000
	Less Other Funds Available		
	Source ERA	\$	1,700,000
	STATE FUNDS REQUIRED	\$	-0-

## G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: May 1986

Number of Additional Personnel Required

Additional Funds Required when Project is in Full Operation:

1st BIENNIUM (1985 - 1987)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

2nd BIENNIUM (1987 - 1989)

Personal Services

\$

Operating Expenses

\$

Maintenance Expenses

\$

3rd BIENNIUM (1989 - 1991)

Personal Services

\$

Operating Expenses

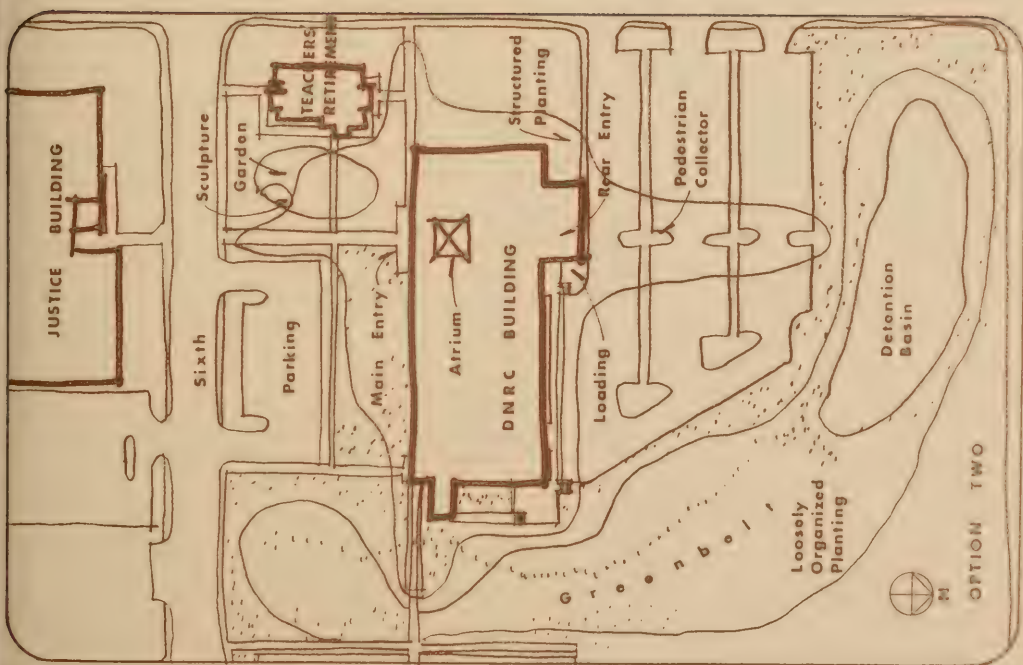
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Maintenance Expenses

\$



# BUILDING PROGRAM REQUESTS





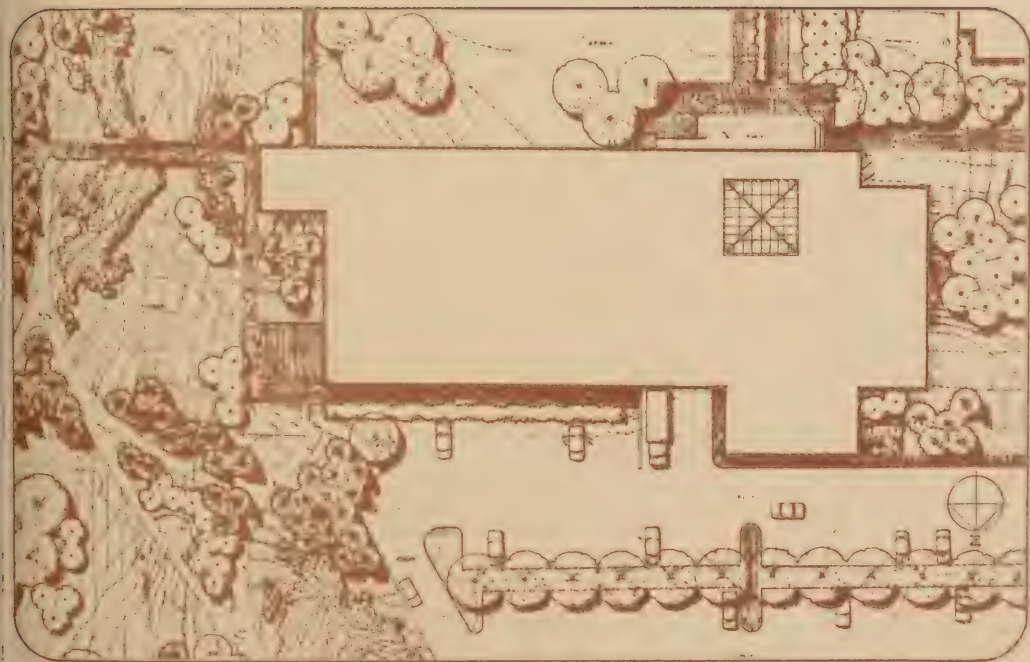
## SUMMARY OF REQUESTS

1983 - 1985 BIENNIUM

FUNCTION and AGENCY	FUNDS				
	Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
ADMINISTRATION, DEPARTMENT OF	8,293,541	0	0	0	8,293,541
COMMERCE, DEPARTMENT OF	0	165,000	135,000	0	300,000
EDUCATION, DEPARTMENT OF	2,388,595	0	0	0	2,388,595
FISH, WILDLIFE & PARKS, DEPARTMENT OF	918,000	11,627,485	652,500	0	13,197,985
HEALTH & ENVIRONMENTAL SCIENCES, DEPARTMENT OF	51,200	0	0	0	51,200
HIGHWAYS, DEPARTMENT OF	0	846,000	0	0	846,000
INSTITUTIONS, DEPARTMENT OF	23,080,178	0	0	0	23,080,178
JUSTICE, DEPARTMENT OF	4,233,500	0	0	0	4,233,500
MILITARY AFFAIRS, DEPARTMENT OF	1,572,374	0	2,510,000	0	4,082,374
NATURAL RESOURCES AND CONSERVATION, DEPARTMENT OF	6,692,000	0	0	0	6,692,000
PUBLIC INSTRUCTION, OFFICE OF THE SUPERINTENDENT	2,292,917	0	0	0	2,292,917
PUBLIC SERVICE REGULATION, DEPARTMENT OF	1,000,000	0	0	0	1,000,000
STATE LANDS, DEPARTMENT OF	430,250	0	0	0	430,250
UNIVERSITY SYSTEM, MONTANA	43,651,691	0	7,500,000	0	51,151,691
TOTAL REQUESTS	94,604,246	12,638,485	10,797,500	0	118,040,231
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# DEPARTMENT OF INSTITUTIONS



LANDSCAPE PLAN



BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
DEPARTMENT OF INSTITUTIONS							
CENTRAL OFFICE							
<u>CAPITAL CONSTRUCTION PROJECT PRIORITY LIST</u>							
1.	Major Expansion, Montana State Prison	10,967,903	0	0	0	10,967,903	
2.	Replace Roofs, Pine Hills, Mountain View, Warm Springs/Galen, Boulder, and Center for the Aged	983,802	0	0	0	983,802	
3.	Fire Sprinkling & Detection System, Warm Springs/Galen	143,831	0	0	0	143,831	
4.	Sewer Improvements, Warm Springs/Galen	131,760	0	0	0	131,760	
5.	Boiler Repair, Warm Springs/Galen	219,600	0	0	0	219,600	
6.	Remodel Infirmary, Montana State Prison	292,500	0	0	0	292,500	
7.	Construct Carport, Center for the Aged	5,620	0	0	0	5,620	
8.	Install Metal Roofs, Swan River Youth Forest Camp	150,000	0	0	0	150,000	
9.	Forensic Building Remodel and Addition, Warm Springs/Galen	2,028,464	0	0	0	2,028,464	
10.	Demolish Buildings, Veteran's Home, Boulder, Pine Hills, and Warm Springs/Galen	425,000	0	0	0	425,000	
		- 191 -					

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
11.	Cottage III Food Service Storage Addition, Eastmont Human Services Center	72,500	0	0	0	72,500
12.	General Maintenance, Warm Springs/Galen	164,740	0	0	0	164,740
13.	Miscellaneous Improvements, Warm Springs/Galen and Veterans' Home	151,040	0	0	0	151,040
14.	Expand Shop Building, Swan River Youth Forest Camp	120,000	0	0	0	120,000
15.	Street and Pavement Repair, Warm Springs/Galen, Eastmont, Pine Hills, Boulder, and Center for the Aged	1,242,199	0	0	0	1,242,199
CENTRAL OFFICE PRIORITIES TOTAL		17,098,959	0	0	0	17,098,959

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	<u>INSTITUTIONS, DEPARTMENT OF</u>						
	BOULDER RIVER SCHOOL & HOSPITAL						
1.	INSTALL SMOKE DETECTORS, COTTAGES 16AB & 16C Expand the fire alarm system coverage to provide fire protection in the resident sleeping and living areas in these two cottages.	15,500	0	0	0	15,500	
2.	RESIDENT LIVING TREATMENT UNITS Construct four (4) treatment units to provide transition living for 32 persons. The units will provide an environment similar to that of a community and allow residents to: a. Identify more quickly with a similar living environment. b. Adapt learned skills to community life more readily.	600,000	0	0	0	600,000	
3.	REPAIR COTTAGES 10-15, PHASE II Improve the living environment for the residents and reduce maintenance problems by replacing flooring, ceiling tile and windows.	294,442	0	0	0	294,442	
4.	EMERGENCY POWER SUPPLY Provide a backup power system to Cottages 10-15, the well pump, freezers, & several miscellaneous buildings to ensure that light, heat, and water will be available during power outages.	185,450 - 193 -	0	0	0	185,450	

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
5.	ROOF REPLACEMENTS Replace roofs that have deteriorated beyond normal maintenance capabilities to protect against further water damage. The roofs include Physical Therapy, Hospital A Wing, Hospital Blue Bird, Power House, Laundry, Shop, and garages.	385,856	0	0	0	385,856
6.	ENERGY RETROFIT Retrofit all heated buildings on the grounds to provide better energy efficiency and reduce growing utility bills.	750,000	0	0	0	750,000
7.	REMODEL BUILDINGS 6 & 7 Complete a variety of improvements which will upgrade the buildings and make them more functional for the training and recreational programs presently located in them.	55,500	0	0	0	55,500
8.	SEAL COAT EXISTING PAVING Seal coat all existing paved roads and parking lots to prolong asphalt life and reduce maintenance requirements.	81,898	0	0	0	81,898
9.	MASTER KEY/LOCK SYSTEM, PHASE II Continue the installation of a master lock system so that all locks can be opened with one grand-master key, saving valuable time in case of emergency while increasing efficiency in maintenance and operation.	40,646 - 194 -	0	0	0	40,646

# BUILDING PROGRAM REQUESTS

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNium

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
10.	VEHICLE GARAGES  Construct two garages housing sixteen total vehicles including vans, buses, and food trucks to reduce starting and maintenance problems and to extend vehicle life.	65,000	0	0	0	65,000	
11.	CONSTRUCT FENCE  Install 6'0" high chain link fence on the Boulder River and around the sewer lagoons to protect residents from wandering into the water and endangering their lives.	36,000	0	0	0	36,000	
12.	RIPRAP BOULDER RIVER  Riprap the Boulder River from the vehicle bridge to the sewer lagoons which will protect existing facilities from the possibility of future water damage.	146,584	0	0	0	146,584	
13.	PAVE ROADS & PARKING LOTS, PHASE II  Pave the parking lots for Cottages 10-15 and Building 8 as well as the parking lot and service delivery area for the Hospital to reduce mud problems during inclement weather.	187,094	0	0	0	187,094	
14.	INSTALL SAFETY LADDER ON WATER TOWER & BOILER STACK  Install ladders and safety equipment recommended by the Bureau of Safety and Health Standards per inspection of July 15, 1977.	64,045 - 195 -	0	0	0	64,045	

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
15.	BUILDING DEMOLITION Demolish numerous vacant and unused buildings which are not appropriate for resident living or service functions.	255,000	0	0	0	255,000
16.	INSTALL AUTOMATIC SWITCHING GEAR ON WATER WELL Ensure adequate water supply in the event of an emergency such as a fire or failure of other wells.	15,184	0	0	0	15,184
	SUBTOTAL	3,178,199	0	0	0	3,178,199
	CENTER FOR THE AGED					
1.	REPLACE ELEVATOR DOOR Replace the existing elevator door that swings into the corridor creating a safety hazard for patients and personnel.	3,415	0	0	0	3,415
2.	CONSTRUCT CARPORT Construct a sheltered loading/unloading area for residents which would reduce the potential for accidents as well as provide protection for State-owned vehicles.	5,620	0	0	0	5,620
		- 196 -				

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
3.	REPAIR CHIMNEYS Repair the existing masonry chimneys which have deteriorated causing numerous moisture and maintenance problems in the building.	17,250	0	0	0	17,250
4.	SEAL COAT PARKING AREA Seal coat the recently paved parking area and driveway to prevent moisture penetration and to ensure a long life expectancy for the pavement.	8,835	0	0	0	8,835
5.	IRRIGATION SYSTEM Install an automatic underground sprinkler system to provide a more efficient distribution of water to the grounds.	16,750	0	0	0	16,750
	SUBTOTAL	51,870	0	0	0	51,870
	EASTMONT HUMAN SERVICES CENTER					
1.	COTTAGE III LAUNDRY ROOM ADDITION Construct a laundry addition with commercial equipment which will allow better utilization of staff time and ensure compliance with ICF/MR standards.	286,500	0	0	0	286,500
		- 197 -				

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
2.	ENERGY RETROFIT Install a variety of energy conservation items, such as insulation and storm windows, which will provide a better living environment while reducing utility costs.	30,500	0	0	0	30,500	
3.	COTTAGE III FOOD SERVICE STORAGE ADDITION Construct additional food storage and food preparation areas which are currently inadequate for an efficient operation of the overall food service.	72,500	0	0	0	72,500	
4.	MAINTENANCE SHOP ADDITION & PAVING Construct an addition to the existing Maintenance Shop to provide badly needed storage for equipment and sufficient working space for vehicle maintenance. In addition, pave existing deteriorated roads.	183,000	0	0	0	183,000	
5.	HANDICAPPED ACCESSIBILITY MODIFICATIONS Modify Cottages I and II and the Multipurpose Building to comply with Section 504 of the Vocational Rehabilitation Act. Noncompliance could jeopardize future federal funding.	42,700	0	0	0	42,700	
SUBTOTAL		615,200	0	0	0	615,200	
		- 198 -					

## BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	MONTANA STATE PRISON						
1.	MAJOR EXPANSION						
	Construct an additional housing unit together with all necessary ancillary services to relieve overcrowding of inmates and over use of current facilities.	10,967,903	0	0	0		10,967,903
2.	CONSTRUCT PRISON WAREHOUSE						
	Consolidate warehousing activities in order to establish better inventory control and a more cost effective use of personnel and equipment.	387,000	0	0	0		387,000
3.	INFIRMARY ADDITION						
	Construct an addition to the infirmary which will provide space necessary for the medical services offered by the prison. The existing facility was not designed for the present population.	292,500	0	0	0		292,500
	SUBTOTAL	11,647,403	0	0	0		11,647,403
		- 199 -					

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	MONTANA VETERANS' HOME						
1.	BOILER REPLACEMENT Remove the existing boilers which are old, under utilized and inefficient, and install a smaller boiler to heat the Chapel, Superintendent's residence, and utility building.	100,000	0	0	0	100,000	
2.	REPLACE SIDEWALK Replace the existing sidewalk that has deteriorated and become a safety hazard to the residents who use it for walking and exercising.	12,000	0	0	0	12,000	
3.	BUILDING DEMOLITION Demolish Old Main, Main Annex, and the Men's Building which no longer serve needed functions and are either unoccupied and/or a safety hazard.	170,000	0	0	0	170,000	
	SUBTOTAL	282,000	0	0	0	282,000	
		- 200 -					

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	MOUNTAIN VIEW SCHOOL						
1.	CONSTRUCT 32-BED COTTAGE Construct a 32-bed cottage to provide both maximum safety and improved individual care for residents. The new cottage will replace Spruce which was constructed in 1920.	1,366,500	0	0	0	1,366,500	
2.	FIRE PROTECTION, CAFETERIA Install a new range hood having an automatic fire extinguishing system to replace the existing hood which does not comply with the Uniform Fire Code.	2,390	0	0	0	2,390	
3.	CONSTRUCT NEW WAREHOUSE Replace the basement warehouse space in Maple Cottage with a new facility that will eliminate the existing fire hazard to residents and reduce the potential for water damage to supplies.	271,300	0	0	0	271,300	
4.	REPLACE ROOFS Replace the deteriorated composition shingles on both the Gymnasium and the School Building with cedar shingles that will match the other buildings and more importantly, stop the leaks.	69,537	0	0	0	69,537	
		- 201 -					

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 -- 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
5.	REWIRE MAPLE COTTAGE Replace an outdated and unsafe wiring system with a new electrical service meeting current building code requirements.	35,850	0	0	0	35,850	
6.	PAVE PARKING AREA Pave existing unimproved parking area by the Administration Building that is a maintenance problem throughout the year because of poor drainage.	40,435	0	0	0	40,435	
7.	INSTALL FIRE ALARM SYSTEM Install a new fire alarm system that will improve fire detection capabilities and make the buildings safer for all occupants.	17,925	0	0	0	17,925	
	SUBTOTAL	1,803,937	0	0	0	1,803,937	
	PINE HILLS SCHOOL						
1.	MODIFY LEWIS & CLARK LODGE Demolish the old two-story "Lewis" portion which is unsafe and unoccupied, and retain the newer "Clark" portion as the infirmary.	190,000	0	0	0	190,000	
		- 202 -					

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
2.	REROOF GYMNASIUM AND SCHOOL Reroof the gymnasium and a portion of the school to eliminate existing leaks and to protect both buildings as well as internal properties.	27,485	0	0	0	27,485
3.	REROOF A PORTION OF RUSSELL LODGE Replace the roof above the kitchen and dayroom areas that is currently leaking and beyond normal maintenance capabilities.	9,560	0	0	0	9,560
4.	REPAIR PAVING Repair and seal coat the existing asphalt which is badly weathered and in danger of deteriorating beyond any possible restoration.	4,780	0	0	0	4,780
5.	PAVE ROADS Pave existing primary roads to eliminate dust problems, reduce maintenance, and improve the campus appearance.	23,661	0	0	0	23,661
	SUBTOTAL	255,486	0	0	0	255,486
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 -- 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	SWAN RIVER YOUTH FOREST CAMP						
	1. INSTALL METAL ROOFING Eliminate a variety of roofing problems on four buildings, especially associated with snow accumulation, by replacing asphalt shingles with standing seam metal roofs.	150,000	0	0	0	0	150,000
	2. SHOP BUILDING ADDITION Construct an addition to the shop which currently suffers from an acute lack of space. Work programs and efficiency could be increased if facilities were available.	120,000	0	0	0	0	120,000
	SUBTOTAL	270,000	0	0	0	0	270,000
	WARM SPRINGS/GALEN STATE HOSPITAL						
	1. INSTALL FIRE SPRINKLER & DETECTION SYSTEMS Install a sprinkler and/or detection system in numerous buildings to ensure life/safety of patients as well as better protection to the physical plant and equipment.	596,801	0	0	0	0	596,801
	2. FORENSIC BUILDING REMODEL & ADDITION Remodel the existing forensic unit including various mechanical system improvements, and construct an addition to accommodate the steadily increasing						
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	population. Units 85 and 86 could be closed upon completion of the project	2,028,464	0	0	0	2,028,464	
3.	STREET IMPROVEMENTS						
	Repair, rebuild, and pave existing streets and parking areas at both campuses that have deteriorated beyond normal maintenance capabilities.	944,666	0	0	0	944,666	
4.	REPAIR AND REPLACE ROOFS						
	Eliminate a variety of roofing problems that are causing damage to buildings and contents in order to prevent future loss.	480,159	0	0	0	480,159	
5.	SEWER & BOILER IMPROVEMENTS						
	Upgrade the boiler support equipment at Galen, replace aerator-clarifiers at the Galen sewage disposal plant, and replace a portion of sewer line and lagoon control gates at Warm Springs.	351,360	0	0	0	351,360	
6.	RETROFIT & RENOVATE RECEIVING HOSPITAL						
	Complete a variety of items which will conserve energy, improve communications, reduce maintenance and increase patient comfort.	304,073	0	0	0	304,073	
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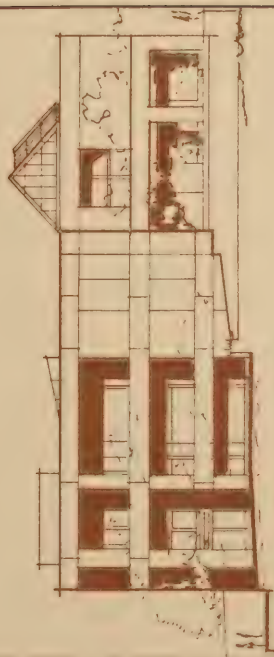
# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

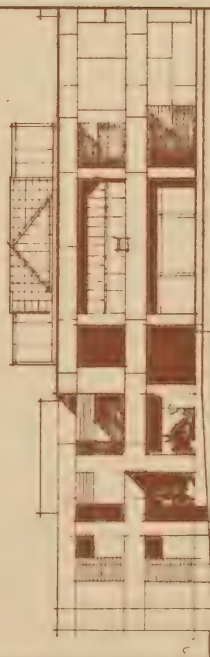
1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
7.	GENERAL MAINTENANCE Complete a wide-range of maintenance projects in patient occupied buildings and the laundry that will increase patient safety and comfort as well as improve services for them.	83,900	0	0	0	83,900
8.	MECHANICAL MAINTENANCE Refurbish well pumps at both campuses, install valves on Galen fire hydrants, and convert an existing cooler to a freezer at Warm Springs.	39,040	0	0	0	39,040
9.	RENOVATE ADMINISTRATION BUILDING Replace the existing windows and repair the building facade to conserve energy, improve employee safety, and protect the structure from further deterioration. In addition, install an emergency generator which will provide electrical service in the event of a power failure.	111,020	0	0	0	111,020
10.	TREE REMOVAL Remove dangerous older trees that have decayed and become a threat to safety during high wind periods, and replace them with a more suitable variety.	36,600	0	0	0	36,600
	SUBTOTAL	4,976,083	0	0	0	4,976,083
	DEPARTMENT OF INSTITUTIONS TOTAL	23,080,178	0	0	0	23,080,178

# DEPARTMENTS AND AGENCIES



West Elevation



South Elevation



# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNium

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
ADMINISTRATION, DEPARTMENT OF							
1.	FIRE PROTECTION, CAPITOL COMPLEX Install a central fire alarm system connecting buildings to a main alarm panel and provide miscellaneous safety improvements to bring existing buildings into compliance with Fire Codes.	726,000	0	0	0	726,000	
2.	BUILDING MODIFICATIONS, 820 FRONT STREET, HELENA Provide a variety of improvements such as additional electrical supply, new flooring, and roof drain modifications which will make the facility more useable.	210,000	0	0	0	210,000	
3.	HANDICAPPED MODIFICATIONS, CAPITOL COMPLEX Provide handicapped modifications to comply with Section 504 of the Rehabilitation Act of 1973 which prohibits discrimination on the basis of physical or mental handicap in every federally assisted program.	600,000	0	0	0	600,000	
4.	ENERGY CONSERVATION RETROFIT Continuation of the energy conservation plan to reduce consumption through retrofitting of State Buildings.	1,200,000	0	0	0	1,200,000	
5.	LAND ACQUISITION AND GROUNDS IMPROVEMENTS Acquire property needed to develop the Capitol Complex as parcels become available and provide improvements to undeveloped State property such as landscaping, parking lots, and sidewalks.	1,948,806	0	0	0	1,948,806	

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
6.	ORIGINAL GOVERNOR'S MANSION IMPROVEMENTS Prevent further water damage to this Historic structure by installing a new roof and rain gutters and eliminate a safety hazard by replacing outdated electrical wiring.	80,500	0	0	0	80,500
7.	NEW MAINTENANCE FACILITY Consolidate the General Services Division into a new Maintenance Facility with sufficient shop area to accommodate the expanding duties of the Division.	1,548,000	0	0	0	1,548,000
8.	CAPITOL COMPLEX MASTER LOCK SYSTEM Install a master key system throughout the Capitol Complex for security and maintenance reasons.	60,000	0	0	0	60,000
9.	NEW ELEVATOR, MITCHELL BUILDING Provide a second elevator in the Mitchell Addition which will relieve demand on the existing elevator and improve interior circulation.	75,000	0	0	0	75,000
10.	REMODEL DEPARTMENT OF COMMERCE BUILDING Remodel an existing building to provide better working conditions by alleviating a number of existing problems such as inefficient space utilization, inadequate heating system and various violations of Building Codes.	850,000	0	0	0	850,000

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
11.	ARCHITECTURE & ENGINEERING OPERATIONS PROGRAM Appropriate expenditures to the Architecture and Engineering Division for administration of Capital Construction projects,	995,235	0	0	0	995,235	
	DEPARTMENT OF ADMINISTRATION SUBTOTAL	8,293,541	0	0	0	8,293,541	
	COMMERCE, DEPARTMENT OF						
1.	RUNWAY IMPROVEMENTS, LINCOLN AIRPORT Resurface the existing asphalt runway which has deteriorated beyond repair to insure safe, continued operation of the airport.	0	15,000	135,000	0	150,000	
2.	AIRCRAFT STORAGE HANGAR, YELLOWSTONE AIRPORT Construct a new hangar for storage of both transient and based aircraft during the operating season and for general airport storage during the off-season.	0	150,000	0	0	150,000	
	DEPARTMENT OF COMMERCE SUBTOTAL	0	165,000	135,000	0	300,000	
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 — 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
<u>EDUCATION, DEPARTMENT OF</u>						
MONTANA HISTORICAL SOCIETY						
1.	CONSTRUCT VETERAN'S & PIONEER MEMORIAL BUILDING ADDITION Construct an addition to the existing building which will provide more storage, work, and office space for the Historical Society as well as additional gallery space.	2,363,295	0	0	0	2,363,295
2.	RENOVATE OFF-SITE MUSEUM STORAGE BUILDING Modify an existing building located at the old Highway Shop Complex to provide adequate, secure storage space for bulky, low value items from the Society's collections.	25,300	0	0	0	25,300
DEPARTMENT OF EDUCATION SUBTOTAL		2,388,595	0	0	0	2,388,595
<u>FISH, WILDLIFE &amp; PARKS, DEPARTMENT OF</u>						
1.	COAL TAX PARK ACQUISITIONS Provide funds for the continuing acquisition of park areas on a State-wide basis.	0	606,000	0	0	606,000

# BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

## FUNDS

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
2.	FISHING ACCESS SITE ACQUISITIONS Acquire and provide fishing access sites for public recreation.	0	855,000	0	0	855,000	
3.	MADISON BUFFALO JUMP IMPROVEMENTS Replace the existing interpretive signs which explain the historic significance of the site. The existing signs have deteriorated beyond repair.	5,000	0	0	0	5,000	
4.	FORT OWEN STATE MONUMENT Acquire additional property for construction of a visitor center and related parking.	100,000	0	0	0	100,000	
5.	STATEWIDE DAM REHABILITATION Hire consultants to work in conjunction with a dam safety engineer at DNRC for the purpose of developing rehabilitation plans and cost estimates on dams identified as potential hazards to the public.	0	150,000	0	0	150,000	
6.	FISHING ACCESS SITE PROTECTION Provide basic improvements which will protect sites from further degradation. Examples include road work, traffic control devices, signs, sanitary facilities, etc.	0	500,000	0	0	500,000	
							- 212 -

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
7.	ELKHORN STATE MONUMENT IMPROVEMENTS Provide minimum improvements to prevent further deterioration of structures at this historic site.	0	20,000	0	0	20,000
8.	BANNACK STATE MONUMENT Continue the acquisition, stabilization, restoration, and development of this historic landmark. Development will include construction of a visitor center, shop building, and parking.	0	500,000	0	0	500,000
9.	GIANT SPRINGS - HERITAGE STATE PARK IMPROVEMENTS Provide miscellaneous improvements such as comfort stations, interpretive signs, and landscaping.	0	200,000	0	0	200,000
10.	FISH HATCHERIES, CRESTON SPRINGS & BIG TIMBER Construct a new facility including a hatchery, food storage, offices, and all required ancillary services at both locations to eliminate existing inefficiencies and help meet increased production demands;	0	955,000	0	0	955,000
11.	HATCHERY IMPROVEMENTS Construct a new hatchery at Fort Peck or repair and enlarge existing hatcheries at Miles City and Great Falls to meet increased demands for trout and other cool-water species.	0	3,400,000	0	0	3,400,000
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 -- 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
12.	STREAM BANK PRESERVATION Preserve stream fish habitat by financially assisting landowners with design, planning, and construction of streambed and bank projects.	0	100,000	0	0	100,000	
13.	LOGAN RECREATION AREA Construct a new sewage disposal facility at this heavily used recreation area west of Kalispell.	0	80,000	0	0	80,000	
14.	YELLOW BAY RECREATION AREA Upgrade existing recreation area by installing a new double latrine.	0	8,000	0	0	8,000	
15.	PICTOGRAPH CAVES STATE MONUMENT Provide improvements to the site including gravel in the parking lot, asphalt on the foot trail, and a new latrine.	40,000	0	0	0	40,000	
16.	CANYON FERRY RECREATION AREA Improve services available at this popular recreation area by installing trailer sanitation dump stations, drilling new wells, and constructing new parking and boat launch facilities.	0	140,000	0	0	140,000	
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# BUILDING PROGRAM REQUESTS

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
17.	MOUNT HAGGIN RECREATION AREA Construct a new fence so that a rest rotation grazing system can be initiated and thus protect a valuable resource.	0	130,000	0	0	130,000	
18.	HELENA AIRPORT SEWER S.I.D. Participate in a proposed S.I.D. at the Helena Airport which will upgrade the sanitary sewer service to the Department's Hangar.	0	7,485	0	0	7,485	
19.	SOUTH SANDSTONE STATE RECREATION AREA Upgrade the dam to meet current safety requirements, replace the boundary fence, and improve the roads and parking area.	0	234,000	0	0	234,000	
20.	PLENTY COUPS STATE MONUMENT Improve the existing site by constructing a latrine and installing fencing, sidewalks, and interpretive signs.	38,000	0	0	0	38,000	
21.	ROAD PROTECTION, REGION I Overlay the existing road surfaces with asphalt at three sites in the Kalispell vicinity to prevent deterioration.	405,000	0	0	0	405,000	
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## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
22.	DEADMAN'S BASIN STATE RECREATION AREA IMPROVEMENTS Construct an administrative site, water system, and traffic control devices in addition to providing other miscellaneous improvements which will eliminate existing problems.	0	140,000	0	0	140,000	
23.	MAKOSHKA STATE PARK IMPROVEMENTS Pave a portion of the main access road and provide a new radio tower area.	90,000	78,000	0	0	168,000	
24.	POWDER RIVER DEPOT STATE MONUMENT Provide basic facilities required to make the site usable by the public while protecting it from degrada- tion and livestock trespass.	100,000	0	0	0	100,000	
25.	JUDITH LANDING STATE RECREATION AREA Construct an access road, parking, and sanitary facilities at a location away from the existing site where river erosion is a problem.	40,000	0	0	0	40,000	
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# BUILDING PROGRAM REQUESTS

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
26.	GREAT FALLS REGIONAL HEADQUARTERS Construct a new headquarters and maintenance complex at Giant Springs State Park to replace the existing inadequate facility. The existing facilities would be sold.	100,000	880,000	0	0	980,000
27.	BOZEMAN REGIONAL HEADQUARTERS Construct a new headquarters and maintenance complex including the Research lab to replace the existing inadequate facility. The existing facilities would be sold.	0	1,700,000	0	0	1,700,000
28.	GLASGOW REGIONAL HEADQUARTERS Construct a new headquarters and convert the existing office to storage and vehicle service space.	0	133,000	0	0	133,000
29.	HEADQUARTERS RENOVATIONS & REPAIRS Repair and provide minor renovation to miscellaneous facilities at the regional headquarters sites.	0	50,000	0	0	50,000
30.	HEADQUARTERS STORAGE BUILDING, REGION I Provide storage space for snowmobiles, boats, machinery and other equipment to protect it against the elements.	0	30,000	0	0	30,000
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## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
31.	WILDLIFE MANAGEMENT AREA MAINTENANCE Maintain, develop, and protect wildlife areas with fences, signs, roads, and other items as needed to improve the existing habitat.	0	100,000	0	0	100,000	
32.	LAKE AND STREAM IMPROVEMENT Complete a variety of small projects that will protect and improve fish habitat and thereby protect the resource.	0	50,000	0	0	50,000	
33.	ROSEBUD BATTLEFIELD STATE MONUMENT Construct an administrative site to replace a deteriorated building and provide other miscellaneous improvements.	0	40,000	0	0	40,000	
34.	SPRING MEADOW LAKE IMPROVEMENTS Provide basic facilities such as foot trails, parking, roads, and restrooms which will make the site more accessible to the public.	0	155,000	30,000	0	185,000	
35.	NATURAL HISTORY ADDITION Construct an addition to the existing State headquarters building which includes a Natural History display area, a commission/auditorium room, a display fabrication area, and other related spaces which will promote the natural environment.	0	0	622,500	0	622,500	
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
36.	MCNEIL SLOUGH IMPROVEMENTS  Construct a new earthen dam to replace the one washed out in 1977. The project will restore habitat for fish and wildlife while providing outdoor recreation.	0	86,000	0	0	86,000	
37.	GAME RANGE ACQUISITION  Acquire game ranges on a statewide basis.	0	300,000	0	0	300,000	
	DEPARTMENT OF FISH, WILDLIFE & PARKS SUBTOTAL	918,000	11,627,485	652,500	0	13,197,985	
	HEALTH & ENVIRONMENTAL SCIENCES, DEPARTMENT OF						
1.	CHEMISTRY LABORATORY RENOVATION  Renovate the existing Chemistry Laboratory in order to eliminate a variety of safety hazards and improve utilization of the space and equipment.	51,200	0	0	0	51,200	
	DEPARTMENT OF HEALTH & ENVIRONMENTAL SCIENCES SUBTOTAL	51,200	0	0	0	51,200	

## BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
<u>HIGHWAYS, DEPARTMENT OF</u>							
1.	ADDITIONS, UPGRADING AND MAJOR MAINTENANCE Construct additions, upgrade and provide main- tenance for numerous highway buildings throughout the State.	0	750,000	0	0	750,000	
2.	MAINTENANCE GARAGE, LOST TRAIL Construct a garage to have equipment readily available for winter maintenance operations as well as allowing for continuous equipment upkeep.	0	66,000	0	0	66,000	
3.	CONSTRUCT SANDHOUSE Construct a sandhouse at the Diamond Ring Interchange to protect sand and thereby, insure timely winter road maintenance.	0	30,000	0	0	30,000	
	DEPARTMENT OF HIGHWAYS SUBTOTAL	0	846,000	0	0	846,000	
<u>JUSTICE, DEPARTMENT OF</u>							
1.	FORENSIC SCIENCE BUILDING, BOZEMAN Construct a Forensic Science Building to house the State Medical Examiner, the Crime Lab, LEA Admin- istrative offices, and related operations of the Justice Department for the Bozeman District.	3,800,000	0	0	0	3,800,000	

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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
2.	DISTRICT OFFICE/DRIVER'S LICENSE STATION, BILLINGS Construct District Office to replace inadequate facilities and to provide better accessibility for the public.	433,500	0	0	0	433,500	
	DEPARTMENT OF JUSTICE SUBTOTAL	4,233,500	0	0	0	4,233,500	
	MILITARY AFFAIRS, DEPARTMENT OF						
1.	HELENA ARMORY IMPROVEMENTS Provide mechanical, electrical, and other miscel- laneous interior improvements which would make the building more functional. In addition, construct an Emergency Operations Center to provide coordi- nated communications in the event of any type of disaster.	793,000	0	1,307,000	0	2,100,000	
2.	STREET IMPROVEMENTS, ANACONDA ARMORY Provide funds for the State's share of the local special improvement district.	19,000	0	0	0	19,000	
3.	MECHANICAL IMPROVEMENTS Replace mechanical equipment that has deterio- rated beyond repair including a furnace in the Miles City Amory, heaters in the Billings Amory, and a hot water tank in the Bozeman Amory.	13,000	0	0	0	13,000	

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## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total <sup>1</sup>
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
4.	ADMINISTRATIVE OFFICES, BILLINGS ARMORY Remodel the existing armory which is overcrowded to provide space for additional personnel, equipment, and supplies.	14,000	0	0	0	14,000	
5.	ENERGY CONSERVATION PROGRAM Retrofit existing National Guard armories to conserve energy and reduce operational costs.	90,000	0	0	0	90,000	
6.	REPAIR AND REPLACE ROOFS Repair roofs at National Guard facilities throughout the State and replace the roofs at the Sidney and Glendive armories which have deteriorated beyond normal maintenance capability.	135,000	0	39,000	0	174,000	
7.	NEW ARMORY, LIVINGSTON Construct a new armory having adequate training, storage, and administrative facilities to replace the present accommodation which consists of a small garage-like area.	234,000	0	582,000	0	816,000	
8.	NEW ARMORY, LIBBY Construct a new armory having adequate training, storage, and administrative facilities to replace a small nonfunctional leased building.	234,000	0	582,000	0	816,000	
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
9.	INSTALL WASH/WORK SLABS Construct concrete wash slabs at sixteen National Guard armories for washing, servicing, or repairing vehicles.	24,000	0	0	0	24,000	
10.	REMODEL ARMORIES, KALISPELL AND MILES CITY Remodel the existing armories to provide field offices for the Veteran's Affairs Division which has been transferred to the Department.	16,374	0	0	0	16,374	
	DEPARTMENT OF MILITARY AFFAIRS SUBTOTAL	1,572,374	0	2,510,000	0	4,082,374	
	NATURAL RESOURCES AND CONSERVATION, DEPARTMENT OF						
1.	CONSTRUCT NEW DNRC BUILDING Construct a new building at the Capitol Complex which will consolidate the Department and thereby eliminate many operational problems. Planning authorized by the 1981 Legislature has been completed.	6,692,000	0	0	0	6,692,000	
	DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION SUBTOTAL	6,692,000	0	0	0	6,692,000	
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## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
	<b>PUBLIC INSTRUCTION, OFFICE OF</b>					
1.	<b>WEATHERIZATION, HELENA VO-TECH</b> Reduce energy consumption and operational costs by insulating the ceiling of the Roberts Street facility.	210,000	0	0	0	210,000
2.	<b>WEATHERIZATION, HELENA VO-TECH</b> Replace the roof of the Poplar street facility which is currently leaking and conserve energy while reducing operational costs by installing insulation.	220,000	0	0	0	220,000
3.	<b>ENTRY VESTIBULES, GREAT FALLS VO-TECH</b> Eliminate cold drafts, conserve energy, and reduce utility costs by constructing entry vestibules.	30,979	0	0	0	30,979
4.	<b>CLASSROOM IMPROVEMENTS, HELENA VO-TECH</b> Replace "temporary" mobil units at the existing Roberts Street facility with a new classroom addition. The project will also install an elevator for handicapped accessibility.	921,225	0	0	0	921,225
5.	<b>COMPLETE TRADES &amp; INDUSTRY LAB, GREAT FALLS VO-TECH</b> Complete the T & I laboratory, which currently is unheated with a dirt floor, in order that it can be utilized for training students.	322,136	0	0	0	322,136
		- 224 -				

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
6.	WATER AND SEWER S.I.D., BILLINGS VO- TECH Participate in a scheduled S.I.D. which will extend city water and sewer services in the Vo- Tech area. The existing systems are experiencing considerable maintenance and repair problems.	236,118	0	0	0	236,118	
7.	PROVIDE IMPROVEMENTS, HELENA VO- TECH Install an elevator to provide handicapped accessibility and replace hangar doors which would allow the aircraft program to remain operational during the winter months, at Poplar facility.	98,600	0	0	0	98,600	
8.	PARKING LOTS, GREAT FALLS VO- TECH Pave three existing gravel parking lots.	154,750	0	0	0	154,750	
9.	PLANNING, MISSOULA VO- TECH Provide funds to access future facility needs and to identify alternatives which will most efficiently utilize existing properties in conjunction with anticipated programmatic changes.	50,000	0	0	0	50,000	
10.	ENERGY RETROFIT, MISSOULA VO- TECH Conserve energy and reduce heating costs by constructing entry vestibules and installing storm windows.	49,109	0	0	0	49,109	
	OFFICE OF PUBLIC INSTRUCTION SUBTOTAL	2,292,917	0	0	0	2,292,917	

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	<u>PUBLIC SERVICE REGULATION, DEPARTMENT OF</u>						
1.	CONSTRUCT NEW PSC BUILDING Construct a new building to house all the functions of the Department of Public Service Regulation which has outgrown the present leased facilities.	1,000,000	0	0	0	1,000,000	
	DEPARTMENT OF PUBLIC SERVICE REGULATION SUBTOTAL	1,000,000	0	0	0	1,000,000	
	<u>STATE LANDS, DEPARTMENT OF</u>						
1.	PAINT SHOP MODIFICATIONS, MISSOULA Provide necessary electrical modifications and install mechanical ventilation to correct deficiencies that are a health and safety hazard and have been cited by OSHA.	55,000	0	0	0	55,000	
2.	HEADQUARTERS ADDITION, MISSOULA Construct an addition to the Division Headquarters which will relieve the present congestion by providing additional office space for personnel and equipment.	30,000	0	0	0	30,000	
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
3.	STORAGE BUILDING, MISSOULA Construct a storage building which will protect fire equipment and Federal excess property from the weather and improve security.	31,200	0	0	0	31,200
4.	SEAL COAT EXISTING PAVING, MISSOULA Seal coat the existing roadway and parking lot to prolong asphalt life and reduce maintenance requirements.	8,000	0	0	0	8,000
5.	PAVING, MISSOULA AND KALISPELL Pave roads and parking lots at the Missoula and Kalispell offices to eliminate dust problems and improve relationships with nearby residents. In addition, it will reduce a variety of maintenance problems.	74,850	0	0	0	74,850
6.	CONSTRUCT SHOP AND STORAGE BUILDING, BOORMAN STATION Construct a combination shop and storage facility which will provide space for vehicle maintenance as well as storage of supplies and equipment necessary for the operation of the Boorman Station fire protection unit.	31,200	0	0	0	31,200
		- 227 -				

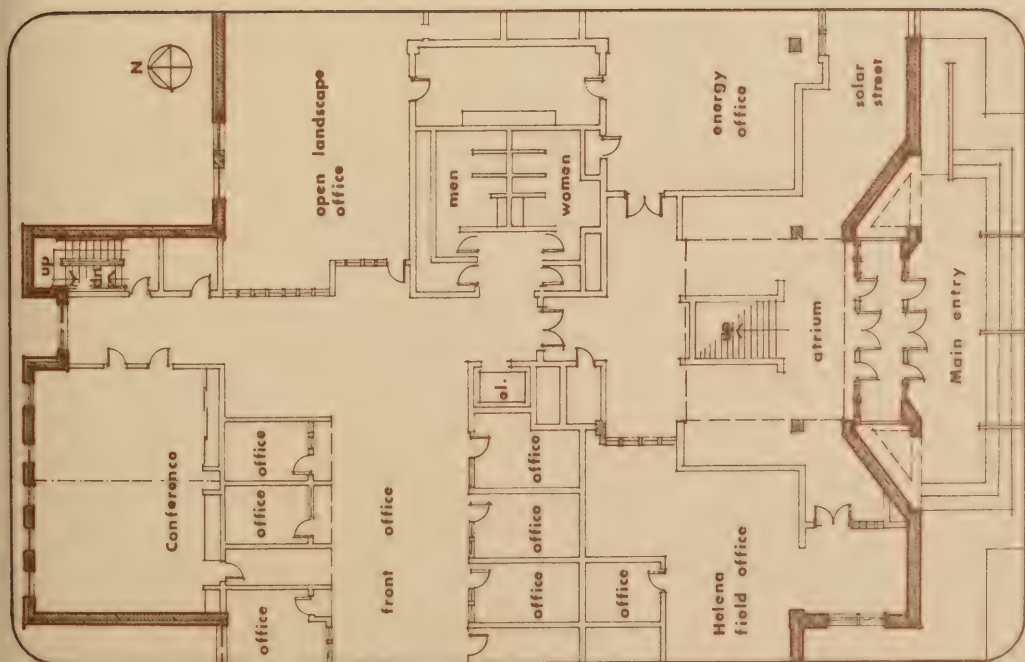
## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
7.	CONSTRUCT DISTRICT COMPLEX, PLANS					
	Construct a fire dispatching office, shop, and fire tool warehouse to support fire protection responsibility in the Thompson River area and to replace inadequate "temporary" facilities.	200,000	0	0	0	200,000
	DEPARTMENT OF STATE LANDS SUBTOTAL	430,250	0	0	0	430,250
	DEPARTMENTS AND AGENCIES SUBTOTAL	27,872,377	12,638,485	3,297,500	0	43,808,362
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# MONTANA UNIVERSITY SYSTEM



FLOOR PLAN - Main Level



# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
MONTANA UNIVERSITY SYSTEM BOARD OF REGENTS OF HIGHER EDUCATION CAPITAL CONSTRUCTION PROJECT PRIORITY LIST							
1. Systemwide Roofing Projects:							
	EMC	\$133,000					
	TECH	110,000					
	NMC	124,700					
	U of M	292,000					
		659,700	0	0	0	659,700	
2. Systemwide Major Maintenance Projects:							
	TECH	\$ 65,000					
	MSU	364,000					
	U of M	1,038,000					
	WMC	223,000					
		1,690,000	0	0	0	1,690,000	
3. Systemwide Repairs and Improvements:							
	NMC	\$ 19,000					
	WMC	15,000					
		34,000	0	0	0	34,000	
4. Completion of Remodel and Addition to Cisel Hall, EMC							
		625,000	0	0	0	625,000	
5. River Front Land Purchase, U of M							
		500,000	0	0	0	500,000	
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
6.	Complete Social Science Renovation, U of M	499,000	0	0	0	499,000
7.	Cowan Hall Remodel, NMC	175,000	0	0	0	175,000
8.	Vehicle Storage and Maintenance Facility, WMC	200,000	0	0	0	200,000
9.	Greenhouse/Headhouse Complex, MSU	5,302,000	0	0	0	5,302,000
10.	Engineering Laboratory/Classroom Building, Tech	2,750,000	0	2,750,000	0	5,500,000
11.	Land Acquisition, Tech	225,000	0	0	0	225,000
12.	Physical Plant Storage Building, NMC	300,000	0	0	0	300,000
13.	Plan Engineering/Physical Science Complex, MSU	350,000	0	0	0	350,000
14.	Plan Business Administration Facility, U of M	49,000	0	0	0	49,000
15.	Remodel Petroleum Building, Phase I, Tech	75,000	0	0	0	75,000
16.	Engineering Hall Renovation, Tech	45,000	0	0	0	45,000
17.	Linfield Hall Remodel, MSU	1,165,000	0	0	0	1,165,000
18.	Cooley Lab Remodel, MSU	824,000	0	0	0	824,000
19.	Hood Replacement and Ventilation Improvements, U of M	212,000	0	0	0	212,000
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## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
20.	Chemistry/Pharmacy Renovation, U of M	190,000	0	0	0	190,000
21.	Fort Missoula Primate Laboratory, U of M	201,000	0	0	0	201,000
22.	Remodel Lewis Hall, MSU	849,000	0	0	0	849,000
23.	Brockman Center Partitions, NMC	23,000	0	0	0	23,000
24.	Museum Building Remodel Phase I, Tech	800,000	0	0	0	800,000
25.	Special Campus-Wide Projects, U of M	246,000	0	0	0	246,000
26.	Western Triangle Lab/Office Building, MSU	219,000	0	0	0	219,000
27.	Botany Renovation, U of M	556,000	0	0	0	556,000
28.	Remodel 1st & 3rd Floors of McMullen Hall, EMC	985,000	0	0	0	985,000
29.	Campus Elementary School Remodel, EMC	600,000	0	0	0	600,000
30.	Armory Gym Entry and Ramps, NMC	75,000	0	0	0	75,000
31.	Science Complex Renovation, U of M	49,000	0	0	0	49,000
32.	Plan Multi-Use Technology Building, NMC	30,000	0	0	0	30,000
BOARD OF REGENTS PRIORITIES						
TOTAL		20,502,700	0	2,750,000	0	23,252,700
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
AUTHORITY TO CONSTRUCT WITHOUT STATE LONG RANGE BUILDING PROGRAM FUNDS							
1.	Plan Life Science Complex Phase II, MSU	0	0	750,000	0	750,000	
2.	Complete Library Basement, MSU	0	0	300,000	0	300,000	
3.	Pave Hadleigh Marsh Lab and Ag. Complex, MSU	0	0	286,300	0	286,300	
4.	Remodel Herrick Hall, MSU	0	0	300,000	0	300,000	
5.	Construct Bozeman ARC Machine Shop and Storage Complex, MSU	0	0	302,000	0	302,000	
6.	Construct Museum of the Rockies Addition, MSU	0	0	6,000,000	0	6,000,000	
AUTHORIZATION REQUESTED TOTAL		0	0	7,938,300	0	7,938,300	

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNium

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
	UNIVERSITY SYSTEM, MONTANA					
	EASTERN MONTANA COLLEGE					
	1. REPAIR MAJOR ROOFS					
	Insulate roof and replace covering on McMullen Hall, the flat area of the P.E. Building and the lower part of the Science Bldg., to avoid emergency repairs, building damage and make the buildings usable to the fullest extent possible.	133,000	0	0	0	133,000
	2. REMODEL & ADDITION TO CISEL HALL					
	Convert Cisel Hall to serve the Music Department which has outgrown its present facilities. The existing building which is unsuitable for music, would be converted to a Computer Services Building. The 1981-83 Biennium appropriated a part of the total sum needed to complete the project.	625,000	0	0	0	625,000
	3. PREPARE PRELIMINARY PLANS FOR TOWER ON SPECIAL EDUCATION BUILDING					
	Prepare Schematic Drawings for the addition of six (6) stories to the existing two (2) story Special Education Building which will house all of the activities of the School of Education as well as the Business Education Program.	100,000	0	0	0	100,000
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
4.	REMODEL CAMPUS ELEMENTARY SCHOOL Remodel building to make it energy efficient and to provide classroom space that will allow the consolidation of the Education Program. Laboratory space is critically needed.	600,000	0	0	0	600,000
5.	REMODEL FIRST & THIRD FLOORS OF MCMULLEN HALL When the School of Business moves into a new facility, the 1st and 3rd floor will be remodeled into Administrative offices, thereby centralizing this function in one facility. The whole building will be remodeled to satisfy building and fire codes.	985,000	0	0	0	985,000
6.	ACQUIRE LAND - RIMROCK ROAD AND VIRGINIA LANE Acquire additional land to meet future campus growth needs since existing property provides very little room for expansion. Land must be purchased now to economically meet future needs.	287,500	0	0	0	287,500
	SUBTOTAL	2,730,500	0	0	0	2,730,500

BY FUNCTION AND AGENCY

1983 - 1985 BIENNium

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY						
1.	CONSTRUCT ENGINEERING LABORATORY & CLASSROOM BUILDING  This building shall house several departments, labora- tories, classrooms and offices. They are currently located in small and antiquated facilities that do not satisfy the growing needs of the student population.	2,500,000	0	2,500,000	0	5,000,000	
2.	CONSTRUCT COMPUTER CENTER  Construct a facility to house the computer and associated staff as well as classrooms necessary for the applied computer science degree program.	2,000,000	0	0	0	2,000,000	
3.	PROVIDE MAJOR MAINTENANCE  Perform a variety of maintenance items which will improve safety conditions, prevent further deterio- ration of buildings and reduce energy consumption.	265,000	0	0	0	265,000	
4.	PROVIDE MAJOR RENOVATIONS  Complete renovations and remodelings of the fol- lowing buildings:  Engineering Hall \$ 45,000 Petroleum Building 75,000 Main Hall 175,000 Museum Building 800,000  TOTAL	1,095,000	0	0	0	1,095,000	
							- 236 -

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 — 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
5.	ACQUIRE LAND Purchase selected properties adjacent to the campus to eliminate existing circulation problems and to provide for future growth. Land must be purchased now to meet future needs economically.	225,000	0	0	0	225,000
6.	CONSTRUCT LOOP ROAD This road will alienate the existing pedestrian and vehicular traffic conflicts that exist on Park Street.	180,000	0	0	0	180,000
	SUBTOTAL	6,265,000	0	2,500,000	0	8,765,000
	MONTANA STATE UNIVERSITY & MONTANA STATE AGRICULTURAL EXPERIMENT STATION					
1.	REPAIR BRICK WORK AT JOHNSON HALL The brick veneer is moving away from the building in certain areas and needs to be refastened or stabilized. The present condition is potentially dangerous and needs to be resolved promptly. In addition, certain areas of the walking deck need to be repaired.	144,000	0	0	0	144,000
2.	REPAIR BRICK WORK AT WILSON HALL The brick work is generally deteriorated and must be repaired before more damage occurs. Brickwork includes parapets, windbreaks, courtyard brick and a bridge.	220,000	0	0	0	220,000

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
3.	CONSTRUCT & REPLACE PORTIONS OF THE GREENHOUSE COMPLEX  The quantity and quality of greenhouse space is inadequate and therefore hinders the development of the agricultural instruction and research programs. Both these programs are of great importance in a land grant school.	5,302,000	0	0	0	5,302,000	
4.	REMODEL LINFIELD HALL  Convert the former Dairy lab and the space occupied by the Grain lab and Soils X-Ray lab into teaching and research laboratories and an auditorium into a classroom. The building needs to be made energy efficient and accessible to the handicapped.	1,165,000	0	0	0	1,165,000	
5.	REMODEL COOLEY LAB  Part of the building will be renovated to accommodate new functions and the existing facilities will be upgraded to allow for a better usage of its spaces and to comply with building codes.	824,000	0	0	0	824,000	
6.	REMODEL LEWIS HALL  This structurally sound building has teaching spaces that are considered inadequate due to their antiquated nature. A complete remodeling is requested to achieve modern and spacious facilities that follow present building codes.	849,000	0	0	0	849,000	
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
7.	PROGRAM & DESIGN ENGINEERING & PHYSICAL SCIENCES COMPLEX  The existing facilities are overcrowded, obsolete and classroom space is inadequate. A program to study whether to remodel and enlarge the existing facilities or to construct a new building is needed to provide an efficient resolution. Drawings of this desired resolution are also requested.	350,000	0	0	0	350,000	
8.	CONSTRUCT LAB & OFFICES AT THE AGRICUL- TURAL RESEARCH CENTER  Build a structure that will house the laboratory for seed processing and soil study and administrative offices, since the present facility cannot operate efficiently due to the lack of space.	219,000	0	0	0	219,000	
9.	CONSTRUCT CENTRAL RECEIVING WAREHOUSE  Build a warehouse that will facilitate a more orderly system of receiving, storing and disbursing materials to the various parts of campus in addition to lending itself to a more adequate inventory control system.	1,333,000	0	0	0	1,333,000	
10.	PREPARE DRAWINGS FOR LIFE SCIENCES, PHASE II  Design a facility to house teaching and research labs of Life and Health Sciences and other university related disciplines as well as several service functions.	750,000	0	0	0	750,000	
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## BY FUNCTION AND AGENCY

1983 -- 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
11.	COMPLETE LIBRARY BASEMENT Finish a section in the basement of the library to provide an Instructional Resource Center to service the campus. Centralization of this function will allow more efficient and effective instruction.	300,000	0	0	0	300,000	
12.	PAVE ROADS AT HADLEIGH MARSH LAB & AGRICULTURE COMPLEX AREA The dust caused by traffic on these roads poses problems for the animal labs. In order to perform research correctly, the paving is required. (Included is \$24,265 for the Department of Livestock - Diag. Lab).	286,300	0	0	0	286,300	
13.	EXPAND CREATIVE ARTS COMPLEX Remodeling parts of the building and adding others is necessary, to make more efficient use of the existing spaces and to consolidate the department into one building.	1,145,000	0	0	0	1,145,000	
14.	REMODEL HERRICK HALL The building does not follow fire safety or handicapped accessibility standards. Also, the building does have unusable spaces that need to be made available for teaching.	300,000	0	0	0	300,000	
		- 240 -					

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 -- 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
15.	CONSTRUCT MACHINE SHOP & STORAGE COMPLEX Build a facility which will provide space for administrative offices and farm machinery maintenance & storage at the Bozeman AES.	301,700	0	0	0	301,700
16.	CONSTRUCT PHYSICAL PLANT SHOP & STORAGE BUILDING Build new shop and storage facilities now housed in inadequate buildings.	512,000	0	0	0	512,000
17.	ACCESSIBILITY TO AJM JOHNSON HALL Provide vertical transportation by modifying existing shaft and elevator. Also, make toilets accessible for use by the handicapped.	135,000	0	0	0	135,000
18.	PROVIDE MISCELLANEOUS REPAIRS, AES Implement a variety of projects which will prevent further deterioration at the following Agriculture Research Centers:  Moccasin 13,000 Sidney 17,000 Kalispell 16,300 Havre 27,000 Corvallis 23,180 Huntley 15,500 Conrad 34,000  TOTAL	145,980	0	0	0	145,980

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
19.	PROVIDE FEEDMILL BOILER & BUILDING The existing feed mill at the Bozeman AES has no heat for occupant comfort nor steam necessary for the pellet mill processing.	89,450	0	0	0	89,450
20.	TRAPHAGEN ADDITION Construct an addition to accomodate sophisticated facilities for current teaching and research systems, while relieving present overcrowding in the existing building. Also, install new windows, upgrade heating and ventilating system and repair roof.	1,073,000	0	0	0	1,073,000
21.	REPAIR STREETS The streets, manholes and drainage systems at MSU have deteriorated over the years and are in need of repair.	75,000	0	0	0	75,000
22.	IMPROVE LABORATORY AT HADLEIGH MARSH Necropsy facilities, incinerator and refrigerator area are inadequate. Proper facilities are necessary for the functioning of this laboratory.	480,000	0	0	0	480,000
23.	PLAN GARFIELD MALL Develop a master plan for an area which is the central focus of campus to insure that it is enhanced and protected during future campus development.	80,000	0	0	0	80,000
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
24.	REPLACE ROOF/CARPET AT RENNE LIBRARY The roof and the carpet on the second and third floor of the building need replacing, since they are inadequate and worn.	125,000	0	0	0	125,000	
25.	REPLACE WINDOWS AT MONTANA HALL The windows of this building are old and energy inefficient. They were installed in 1896.	80,000	0	0	0	80,000	
26.	REPLACE HAMILTON HALL Replace a building that is becoming increasingly difficult to efficiently use for any type of program or activity.	1,726,000	0	0	0	1,726,000	
27.	EXPAND MUSEUM OF THE ROCKIES Complete the proposed expansion of the existing facility which will enable the museum to present the past in a sequential fashion. In addition, it will provide a valuable teaching and research tool for the university.	0	0	5,000,000	0	5,000,000	
	SUBTOTAL	18,010,430		5,000,000		23,010,430	

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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	NORTHERN MONTANA COLLEGE						
1.	REMODEL COWAN HALL  The building should be remodeled to provide spaces for the Computer Center staff and equipment and to allocate new space to the Registrar's Office for an increase in that office's efficiency.	175,000	0	0	0	175,000	
2.	REPAIR TENNIS COURTS  The surface of these courts needs to be repaired so that they can be used for instruction again.	16,000	0	0	0	16,000	
3.	CONSTRUCT PHYSICAL PLANT STORAGE BUILDING  Build a new structure to store supplies, machinery and equipment used by the college since the campus has a need for such a space.	425,000	0	0	0	425,000	
4.	CONSTRUCT TECHNOLOGY/MULTI-PURPOSE BUILDING  The construction of a new Technology building will accommodate the growing student population and consolidate that department into one building, thus making the instruction of the field more efficient.	5,125,000	0	0	0	5,125,000	
5.	IMPROVE CAMPUS HANDICAPPED ACCESSIBILITY  Curb cuts and sidewalk repairs are needed to make the campus and buildings herein accessible to the handicapped.	44,400	0	0	0	44,400	
		- 244 -					

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS				Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	
6.	REPAIR ROOF AT AUTO MECHANICS BUILDING Replace this severely weathered roof which is currently leaking and damaging the insulation.	39,700	0	0	0	39,700
7.	REPAIR EXTERIOR OF PERSHING HALL The brickwork on this facility is deteriorated as well as are windows. Refinishing of both items is required.	38,000	0	0	0	38,000
8.	FINISH CEILING AT DAVEY ADDITION The current, unfinished ceiling in this building presents a waste of energy, of reflective qualities and allows for possible damage to the insulation. A finishing of the ceiling is requested.	11,000	0	0	0	11,000
9.	REPAIR ROOF ON METALS TECH BUILDING Repair roof and replace a portion thereof in order to protect the building from further damage.	50,000	0	0	0	50,000
10.	REPAIR METAL TECH FLOOR Repair the floor in the Welding lab which is uneven and rough in many places and consequently hazardous to the occupants.	17,700	0	0	0	17,700
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# BUILDING PROGRAM REQUESTS

## BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
11.	MODIFY ARMORY GYMNASIUM ENTRY Provide a new lobby and ticket booth area. The existing entry has no ticket facilities and the entry doors do not provide for the most expedient evacuation of the building.	38,000	0	0	0	38,000
12.	CONSTRUCT PARTITIONS AT BROCKMANN CENTER Build permanent partitions to separate classroom areas, since the noise level does not allow for the proper instructional environment.	23,000	0	0	0	23,000
13.	REPAIR ROOF AT MECHANICS ANNEX Repair the leaking roof on the Mechanics Annex Building in order to protect the building from further damage.	35,000	0	0	0	35,000
14.	HANDICAPPED ACCESSIBILITY - CAMPUS WIDE Provide minor remodeling to all the buildings on campus, to accomodate needs of handicapped individuals. Remodeling entails rest rooms, drinking fountains, fire alarms and some interior ramping.	55,500	0	0	0	55,500
15.	HANDICAPPED ACCESSIBILITY - ARMORY GYM Provide vertical transportation in the Armory gymnasium between the gymnasium/classroom level and the locker room/swimming pool level.	72,000	0	0	0	72,000
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNium

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
16.	REPAIR BOILER FLUE STACK AT ELECTRONICS The boiler flue stack is in disrepair and needs to be rebuilt in order to prevent failure and to restore to good condition.	2,500	0	0	0	2,500
17.	MODIFY MATH SCIENCE BUILDING HEATING SYSTEM Provide better heat distribution in the large amphitheatre-type lecture room to eliminate stratified air.	4,000	0	0	0	4,000
18.	CONSTRUCT MATH SCIENCE ADDITION Construct an addition to the existing building which will provide a combination of greenhouse and animal facility that is needed to instruct a variety of courses which are presently taught in overcrowded conditions.	84,500	0	0	0	84,500
19.	CONSTRUCT METALS TECH ADDITION Construct an addition to the existing building which will provide classroom/laboratory space for Inert Gas Welding and Metal Fabrication and reduce presently overcrowded conditions.	290,500	0	0	0	290,500
	SUBTOTAL	6,546,800	0	0	0	6,546,800

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
	UNIVERSITY OF MONTANA						
	1. ACQUIRE LAND  Purchase selected properties on the River Front. The purchases would secure the existence of the proper natural setting of the campus and ensure its future use for the public good.	500,000	0	0	0	500,000	
	2. REPAIR OR REPLACE ROOFS  Repair or replace leaking roofs in order to avoid further damage to the following buildings: Law, Fort Missoula Animal Research Facility, Men's Gym, Chem/Pharm., Music, Liberal Arts and Math.	292,000	0	0	0	292,000	
	3. RENOVATE SOCIAL SCIENCE BUILDING  Renovate and construct new facilities to serve the specific uses of the programs of Computer Science, Museology, Archaeology, Anthropology, Cartogra- phy, and Geography.	601,000	0	0	0	601,000	
	4. PAINT EXTERIORS  Many of the campus buildings have not been pain- ted on the exterior in 9 years. In order to prevent further deterioration, this job should be done.	96,000	0	0	0	96,000	
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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
5.	RENOVATE VENTILATION SYSTEMS The Science Complex, Chemistry and Fine Arts Buildings need to be brought into compliance with established good air standards.	212,000	0	0	0	212,000	
6.	RENOVATE CHEM/PHARMACY Upgrade the 2nd floor to make teaching facilities compatible with changes in the Pharmacy and Allied Health Science program in addition to making the floor current in operational and safety standards.	331,000	0	0	0	331,000	
7.	COMPLETE SPECIAL PROJECTS This project includes handicapped accessibility renovations, provisions of temperature controls and replacing of steam valves and traps in several facilities on campus.	506,000	0	0	0	506,000	
8.	RENOVATE BOTANY BUILDING The facilities are antiquated and cannot accomo- date the technological requirements of the program or the users of the building.	556,000	0	0	0	556,000	
9.	PROVIDE MAJOR MAINTENANCE Perform a variety of maintenance items which will improve safety conditions on the campus grounds and prevent the deterioration of several buildings.	1,009,000	0	0	0	1,009,000	

## BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
10.	RENOVATE MATH BUILDING  Some mechanical and electrical work, handicapped accessibility, energy retrofitting and general repairs are required so that the building can satisfy the users needs.	341,000	0	0	0	341,000	
11.	PLAN BUSINESS ADMINISTRATION BUILDING  Study whether a new facility or the remodeling of existing spaces is required to accomodate a growing student population and to consolidate the department into one building.	49,000	0	0	0	49,000	
12.	RENOVATE PRIMATE LABORATORY-FT. MISSOULA  Renovate the building so that research activities can be controlled without interruptions or loss of animals. The facility should be kept from further deterioration and should be energy retrofitted.	201,000	0	0	0	201,000	
13.	PAIN INTERIORS  Many of the buildings on campus have not been painted inside over the last 7 to 10 years. They should be painted to prevent further deterioration.	90,000	0	0	0	90,000	
14.	RENOVATE SCIENCE COMPLEX  Renovate and remodel Lecture Room SC 131 to accomodate handicapped students and to present lectures visibly and audibly. Other miscellaneous renovations are required for the effective use of Room 214 and 405.	49,000	0	0	0	49,000	

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# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1983 - 1985 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
15.	RENOVATE MEN'S GYM  Remodel Men's Gym to accomodate the Health & P.E. Department and to serve the growing interest in leisure sports on campus.	2,034,000	0	0	0	2,034,000
	SUBTOTAL	6,867,000	0	0	0	6,867,000
	WESTERN MONTANA COLLEGE					
1.	CONSTRUCT POOL/REPAIR EXISTING  Construct new pool to accomodate the increased numbers of students participating in the swim program and repair existing one to continue its use.	1,437,300	0	0	0	1,437,300
2.	CONSTRUCT WASTE ENERGY SYSTEM  Add an alternate energy system that will keep costs to a minimum in the future, thus allowing the college to continue functioning. This system feeds on municipal solid waste and wood waste to generate steam.	1,000,000	0	0	0	1,000,000
3.	COMPLETE REPLACEMENT OF STEAM & ELECTRICAL DISTRIBUTION SYSTEM  The replacement of a portion of the underground steam and electrical systems could not be completed because the project costs exceeded the 1982 legislative appropriation. Energy and periodic electrical service losses still occur.	223,000	0	0	0	223,000
		- 251 -				

## BUILDING PROGRAM REQUESTS

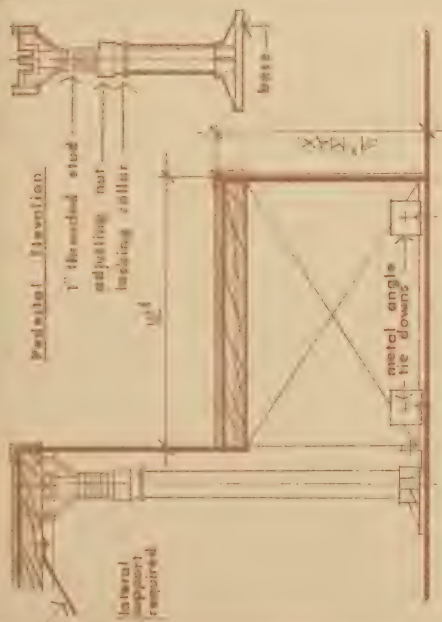
BY FUNCTION AND AGENCY

1983 - 1985 BIENNIIUM

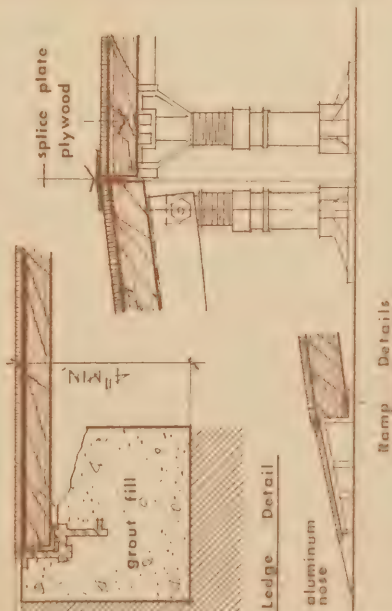
Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
4.	CONSTRUCT VEHICLE STORAGE & MAINTENANCE BUILDING A metal building is requested to maintain about 20 vehicles and store some of the newer ones during winter to avoid further deterioration.	100,000	0	0	0	100,000	
5.	PROVIDE HANDICAPPED ACCESSIBILITY AND REPAIR LIBRARY Install an elevator in an existing shaft and replace worn drapes and carpets to serve the user population in the proper manner.	82,000	0	0	0	82,000	
6.	REPLACE FLOOR COVERING & DRAPES - OLD MAIN HALL The flooring in the basement needs to be repaired to avoid further serious damage and the Band room in the 3rd floor needs new drapes and carpets to control acoustics and temperature.	9,000	0	0	0	9,000	
7.	REMODEL CRAFTS BUILDING - PHASE II Phase I was appropriated in the 1981 Legislature and completed. Phase II is to convert the remainder of the building for the use of metal, auto repair and welding shop programs of the Industrial Arts.	350,661	0	0	0	350,661	
		- 252 -					

## 1983 - 1985 BIENNium

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Step Section



# LONG RANGE BUILDING PROGRAM 1985 - 1987



# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1985-1987 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bonds Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
INSTITUTIONS, DEPARTMENT OF							
BOULDER RIVER SCHOOL & HOSPITAL							
1.	Provide Master Key Lock System	48,750	0	0	0	48,750	
2.	Replace & Install Lawn Sprinklers	146,584	0	0	0	146,584	
3.	Install Steam Lines from Power House to Cottages No. 10-15	93,563	0	0	0	93,563	
4.	Remodel Cottages 16A, B & C	66,000	0	0	0	66,000	
5.	Provide Walk-in Freezer	50,840	0	0	0	50,840	
6.	Landscape Cottages 10-15	42,500	0	0	0	42,500	
7.	Install Incinerator	46,080	0	0	0	46,080	
	SUBTOTAL	494,317	0	0	0	494,317	
CENTER FOR THE AGED							
1.	Renovate Kitchen and Dining room,	236,000	0	0	0	236,000	
	SUBTOTAL	236,000	0	0	0	236,000	
EASTMONT HUMAN SERVICES CENTER							
1.	Reroof Cottages I, II and Old Portion of Multi- Purpose Building.	175,000	0	0	0	175,000	
2.	Landscape Playground/Park and Fence Area by Cottage III	30,000	0	0	0	30,000	

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1985-1987 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS				
		Bonds Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
	SUBTOTAL	205,000	0	0	0	175,000
	PINE HILLS SCHOOL					
1.	Renovate Windows - Administration Building.	40,000	0	0	0	40,000
2.	Renovate Vehicle Storage Garage	150,000	0	0	0	150,000
	SUBTOTAL	190,000	0	0	0	190,000
	DEPARTMENT OF INSTITUTIONS					
	SUBTOTAL	1,125,317				1,125,317
	MILITARY AFFAIRS, DEPARTMENT OF					
1.	Enlarge Vehicle Security Compounds	64,000	0	0	0	64,000
2.	Provide Asphalt Paving for 16 National Guard Armories	250,000	0	0	0	250,000
3.	'Motorize' Overhead Vehicle Doors	54,000	0	0	0	54,000
4.	Provide Lawn Sprinkling Systems	51,000	0	0	0	51,000
5.	Build Joint Military Facility	1,020,000	0	0	0	1,020,000
6.	Build National Guard Armory - Shelby	871,000	0	0	0	871,000
7.	Provide Sewer Line SID	130,000	0	0	0	130,000
8.	Build Fuel Dispensary Facilities	28,000	0	0	0	28,000
	DEPARTMENT OF MILITARY AFFAIRS					
	SUBTOTAL	2,468,000	0	0	0	2,468,000

## BY FUNCTION AND AGENCY

1985-1987 BIENNium

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bonds Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
STATE LANDS, DEPARTMENT OF							
1.	Build Granite Peak Lookout	37,500	0	0	0	37,500	
2.	Construct Clearwater Shop & Storage Building	40,000	0	0	0	40,000	
3.	Build Heavy Equipment Storage Shed - Swan	30,000	0	0	0	30,000	
DEPARTMENT OF STATE LANDS SUBTOTAL		107,500	0	0	0	107,500	
UNIVERSITY SYSTEM, MONTANA							
EASTERN MONTANA COLLEGE							
1.	Remodel Music Building	450,000	0	0	0	450,000	
2.	Construct Addition to Special Education Building	5,580,000	0	0	0	5,580,000	
3.	Remodel First Floor of Liberal Arts Facility	55,000	0	0	0	55,000	
SUBTOTAL		6,085,000	0	0	0	6,085,000	
MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY							
1.	Remodel Physics Petroleum Building - Phase II	510,000	0	0	0	510,000	
2.	Renovate Metallurgy Building	382,000	0	0	0	382,000	

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1985-1987 BIENNIIUM

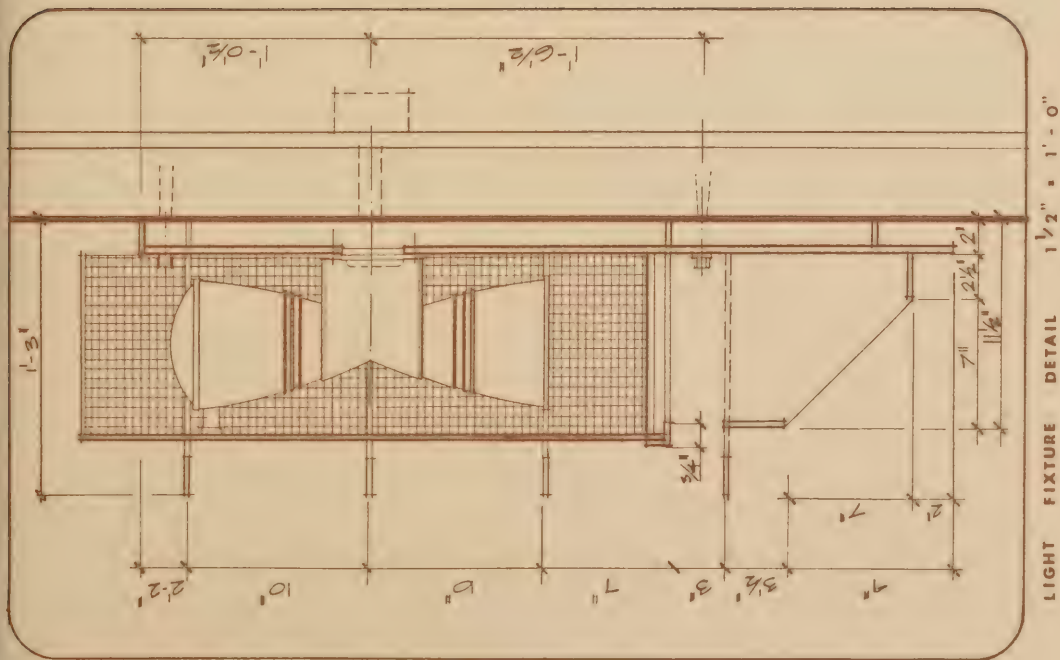
Priority	FUNCTION and AGENCY	FUNDS				
		Bonds Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
3.	Renovate Mining-Geology Building	50,000	0	0	0	50,000
4.	Electrical Loop	212,000	0	0	0	212,000
5.	Centralize Physical Plant	216,000	0	0	0	216,000
	SUBTOTAL	1,370,000	0	0	0	1,370,000
UNIVERSITY OF MONTANA						
1.	Renovate Biological Station	328,000	0	0	0	328,000
2.	Build Botany Greenhouse	326,000	0	0	0	326,000
3.	Renovate Venture Center	104,000	0	0	0	104,000
4.	Renovate Forestry Building	398,000	0	0	0	398,000
5.	Plan Fine Arts Renovation	37,000	0	0	0	37,000
6.	Renovate Health Science Building	16,000	0	0	0	16,000
7.	Build Blue Mountain Observatory Addition	54,000	0	0	0	54,000
8.	Special Campus-Wide Projects - Group II	1,619,000	0	0	0	1,619,000
9.	Control Mount Sentinel Erosion	53,000	0	0	0	53,000
10.	Renovate Lubrecht Kitchen	9,000	0	0	0	9,000

BY FUNCTION AND AGENCY  
1985-1987 BIENNIAL

Priority	FUNCTION and AGENCY	FUNDS				
		Bonds Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local	Total
11.	Renovate Peripheral Houses	86,000	0	0	0	86,000
	SUBTOTAL	3,030,000	0	0	0	10,485,000
	MONTANA UNIVERSITY SYSTEM	10,485,000	0	0	0	10,485,000
	SUBTOTAL					
TOTAL REQUESTS 1985 - 1987 BIENNIAL		14,185,817	0	0	0	14,185,817



**LONG  
RANGE  
BUILDING  
PROGRAM  
1987 - 1989**





## BY FUNCTION AND AGENCY

1987-1989 BIENNIIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
INSTITUTIONS, DEPARTMENT OF							
BOULDER RIVER SCHOOL & HOSPITAL							
1.	Replace 2,400 Volt Underground line	15,416	0	0	0	15,416	
2.	Replace water lines and water tank	624,029	0	0	0	624,029	
	SUBTOTAL	639,445	0	0	0	639,445	
EASTMONT HUMAN SERVICES CENTER							
1.	Complete Campus Landscaping	75,000	0	0	0	75,000	
2.	Reroof new portion of Multi-purpose Building	60,000	0	0	0	60,000	
	SUBTOTAL	135,000	0	0	0	135,000	
PINE HILLS SCHOOL							
1.	Construct Shop Complex	376,000	0	0	0	376,000	
2.	Construct 24-Bed Cottage	975,500	0	0	0	975,500	
	SUBTOTAL	1,351,500	0	0	0	1,351,500	
DEPARTMENT OF INSTITUTIONS							
	SUBTOTAL	2,125,945	0	0	0	2,125,945	
		- 261 -					

# BUILDING PROGRAM REQUESTS

BY FUNCTION AND AGENCY

1987-1989 BIENNIUM

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Earmarked Revenue	Federal & Private Revenue	Local		
<u>MILITARY AFFAIRS, DEPARTMENT OF</u>							
1.	Provide OSHA Improvements	200,000	0	0	0	200,000	
2.	Construct Armory Additions	1,280,000	0	0	0	1,280,000	
	DEPARTMENT OF MILITARY AFFAIRS SUBTOTAL	1,480,000	0	0	0	1,480,000	
<u>STATE LANDS, DEPARTMENT OF</u>							
1.	Construct Fire Training Center	350,000	0	0	0	350,000	
	DEPARTMENT OF STATE LANDS SUBTOTAL	350,000	0	0	0	350,000	
<u>UNIVERSITY SYSTEM, MONTANA</u>							
EASTERN MONTANA COLLEGE							
1.	Construct Addition to Library	3,175,000	0	0	0	3,175,000	
2.	Install Underground Sprinkler System	57,500	0	0	0	57,500	
3.	Construct Auto Bridge	220,000	0	0	0	220,000	
	SUBTOTAL	3,452,500	0	0	0	3,452,500	
					</		

# BUILDING PROGRAM REQUESTS

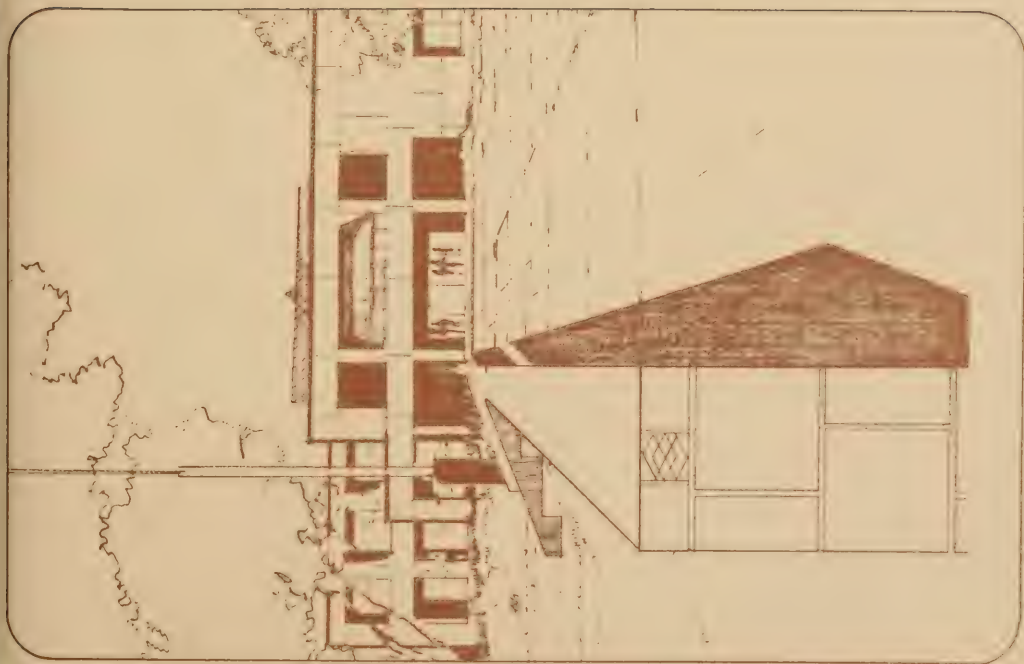
## BY FUNCTION AND AGENCY

1987-1989 BIENNium

Priority	FUNCTION and AGENCY	FUNDS					Total
		Bond Proceeds & Insurance Clearance	Emarked Revenue	Federal & Private Revenue	Local		
	MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY						
	1. Remodel Main Hall	765,000	0	0	0	765,000	
	2. Expand Library	2,300,000	0	0	0	2,300,000	
	3. Raze Mill Building	150,000	0	0	0	150,000	
	SUBTOTAL	3,215,000	0	0	0	3,215,000	
	UNIVERSITY OF MONTANA						
	1. Renovate University Hall	5,100,000	0	0	0	5,100,000	
	SUBTOTAL	5,100,000	0	0	0	5,100,000	
	MONTANA UNIVERSITY SYSTEM						
	SUBTOTAL	11,767,500	0	0	0	11,767,500	
	TOTAL REQUESTS 1987 - 1989 BIENNium	14,185,817	0	0	0	14,185,817	
		- 263 -					



# CAMPUS SITE PLANS



PERSPECTIVE - South Entry



## CAMPUS SITE PLANS

### INDEX

#### DEPARTMENTS & AGENCIES

Capitol Complex

#### DEPARTMENT OF EDUCATION

School For The Deaf & Blind

#### DEPARTMENT OF INSTITUTIONS

Boulder River School & Hospital  
Center For The Aged  
Eastmont Human Services Center  
Galen State Hospital  
Montana State Prison  
Montana Veterans' Home  
Mountain View School  
Pine Hills School  
Swan River Youth Forest Camp  
Warm Springs State Hospital

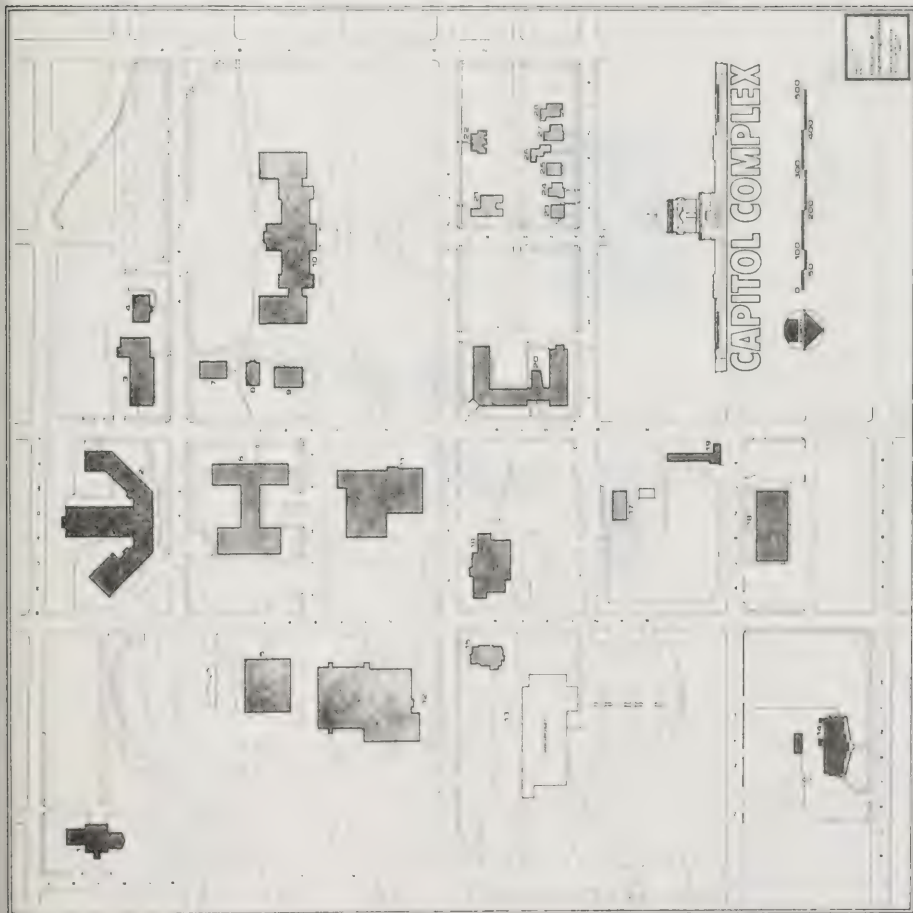
#### MONTANA UNIVERSITY SYSTEM

Eastern Montana College  
Montana College of Mineral Science & Technology  
Montana State University  
Northern Montana College  
University of Montana  
Western Montana College



# LEGEND

1. Executive Residence
2. Cogswell Building
3. R.S.D. Building
4. Old Board of Health Building
5. Old Livestock Building
6. Mitchell Building
7. Old Livestock Building
8. Annex
9. Boiler Plant
10. State Capitol
11. Museum
12. Judicial Building & Montana State Library
13. D.N.R.C. Building
14. Institutions Building
15. Teachers' Retirement Building
16. F.W. & P. Building
17. Office Building
18. State Motor Pool
19. Scott Hart Building
20. Office Building
21. Office Building
22. 326 Washington St.
23. 1226 6th Ave.
24. 1226 6th Ave.
25. 1215 8th Ave.
26. 1215 8th Ave.
27. 1209 8th Ave.
28. 1205 8th Ave.



## STATE CAPITOL COMPLEX

HELENA

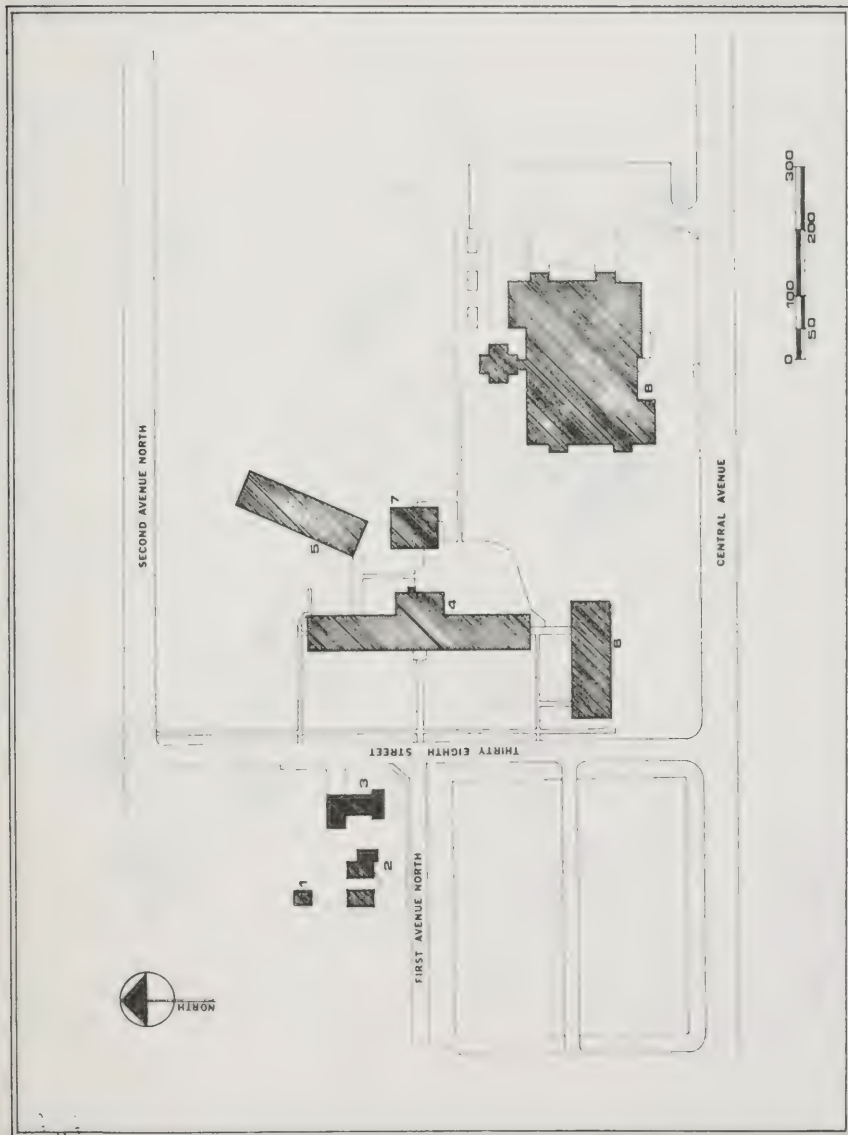
MONTANA



# LEGEND

## SCHOOL FOR THE DEAF & BLIND

1. Garage
2. Residence
3. Superintendent's Residence
4. Main Building
5. Classroom Building
6. Vocational Shop
7. Boiler House
8. Administration Building



## SCHOOL FOR THE DEAF AND BLIND

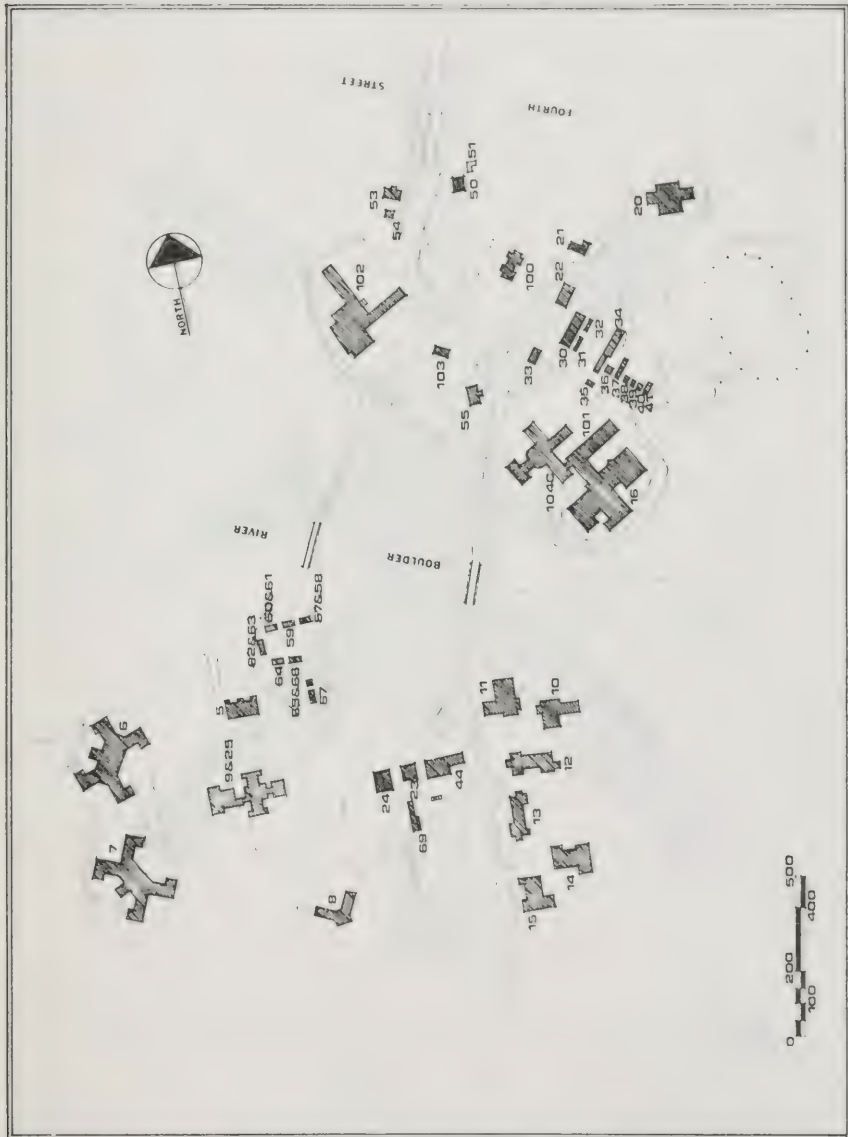
GREAT FALLS MONTANA

100



# LEGEND

BOULDER RIVER SCHOOL & HOSPITAL	
100	Old Administration Building
102	Ad. Bldg./Gym
104	Hospital
104C	Medical Records
101	Therapy Section
101	Dental X-ray, and Physical Therapy
16	Yacht Club and Restaurant
80	Resident's Ambulatory
51	Superintendent's Residence
53	Superintendent's Garage
54	Group Home
55	Group Home
20	Receiving Warehouse
21	Covered Boat Slip and Glass Room
22	Butcher Shop
23	Refrigerated Storage
24	Laundry
25, 26	General Kitchen, and Dining Room and Library, Infirmary
30	Storage
31	Grease Quonset
32	Wash Room Quonset
33	Storage, etc.
34	Garage, etc.
35	Pipe Shed
36	Storage
37	Heavy Equipment
38	Storage
39	Lawn Equipment
40	Lawn Equipment
41	Storage Equipment
42	Quonset
44	Power House
57	Group Home and Garage
55, 56	Cabin
57	Cabin
58	Cabin
59	Cabin
60	Cabin
61	Cabin
62	Education Building
63	Recreation Room, Upholstering, Wood Processing, and Multi-Purpose Room
64	Supervisors and Superintendent's Office
10	Resident Cottages
11	Resident Cottages
12	Resident Cottages
13	Resident Cottages
14	Resident Cottages
15	Resident Cottages



## BOULDER RIVER SCHOOL & HOSPITAL

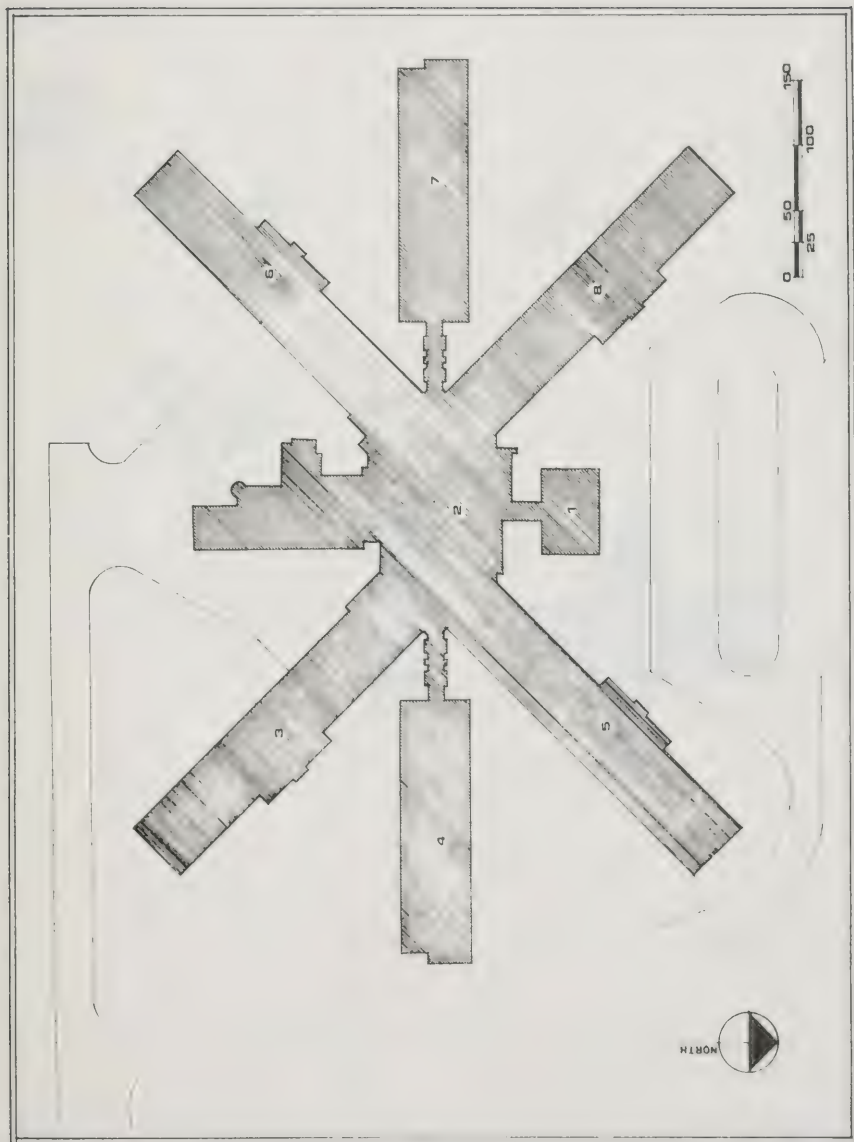
BOULDER MONTANA



# LEGEND

## CENTER FOR THE AGED

- 1. Wing H
- 2. Wing C
- 3. Wing E
- 4. Wing F
- 5. Wing D
- 6. Wing B
- 7. Wing G
- 8. Wing A



## CENTER FOR THE AGED

LEWISTOWN MONTANA

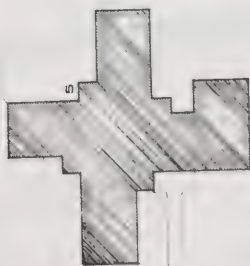
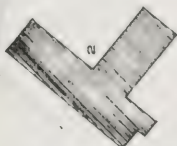
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# LEGEND

## EASTMONT

1. Administration
2. Cottage
3. Shop
4. Multi-Purpose Building
5. Long Term Care Facility



**EASTMONT TRAINING CENTER**  
GLENDALE MONTANA



# LEGEND

## GALEN STATE HOSPITAL

1. Employee Residence
2. Warehouse
3. Garage
4. Paint & Carpenter Shop
5. Root Cellar
6. Boiler/Laundry
7. Administration Building & Rehabilitation Center
8. Garages
9. Employee's Apartments
10. Receiving Hospital
11. Annex
12. Cafeteria
13. Terrill Wing
14. Crockett Wing
15. Residence
16. Residence
17. Residence
18. Residence
19. Greenhouse
20. Garage
21. Recreation Hall/Employee Apartments
22. Lighthouse
23. Employee Apartment
24. Byrum Hall
25. Chapel
26. Residence
27. Residence



## GALEN STATE HOSPITAL GALEN MONTANA



# LEGEND

## MONTANA STATE PRISON

1. Close Security Housing #1
2. Close Security Housing #2
3. Prisoner Guard Station
4. Food Service
5. Industries
6. Manufacturing Industries Auto Shop
7. Vocational Education Shop
8. Vocational Education Shop Auto Body Repair Facility
9. Farm Machinery Repair Facility
10. Minimum Security Housing
11. Medium Security Housing
12. Administration/Visiting
13. Montana State University of Montana Drug Research Facility
14. Maximum Security Housing
15. Gymnasium
16. Guard Tower

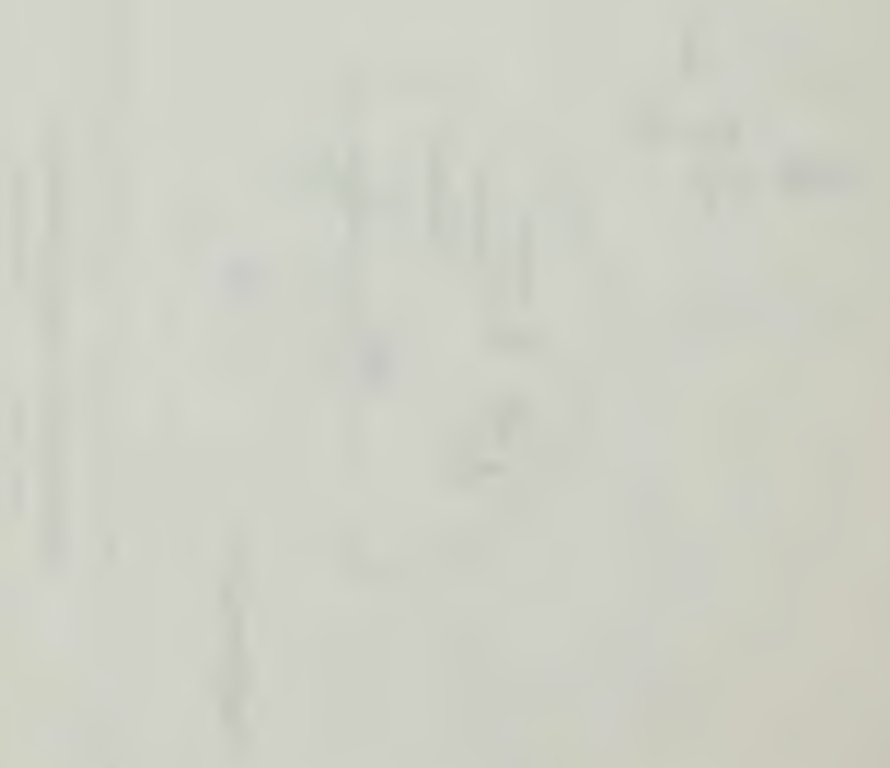


## MONTANA STATE PRISON

DEERLODGE

MONTANA

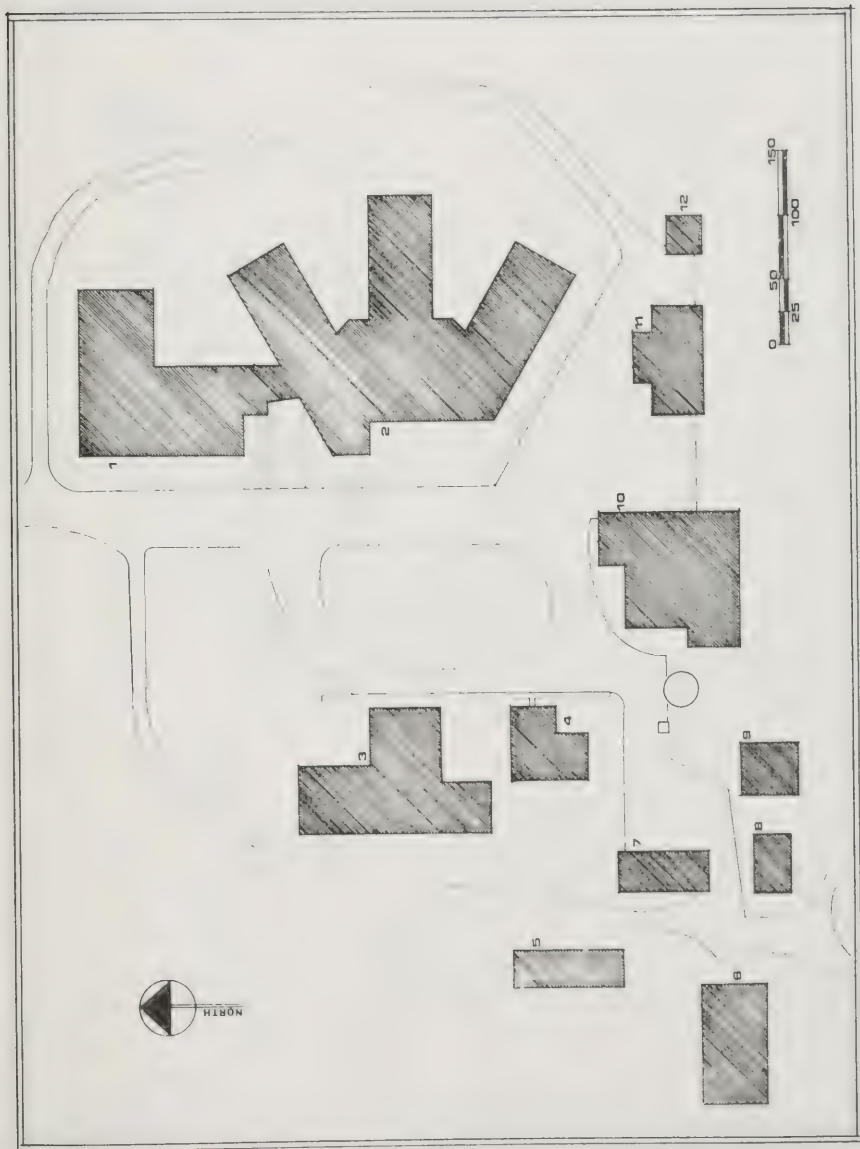
THE UNIVERSITY OF CHICAGO  
LIBRARY



# LEGEND

## MONTANA VETERANS HOME

1. Nursing Home Addition
2. Veterans Home Addition
3. Women's Building
4. Superintendent's Residence
5. Shop
6. Storage Building
7. Utility Building
8. Boiler House
9. Bell House
10. Main Building and Annex
11. Service Building
12. Garage



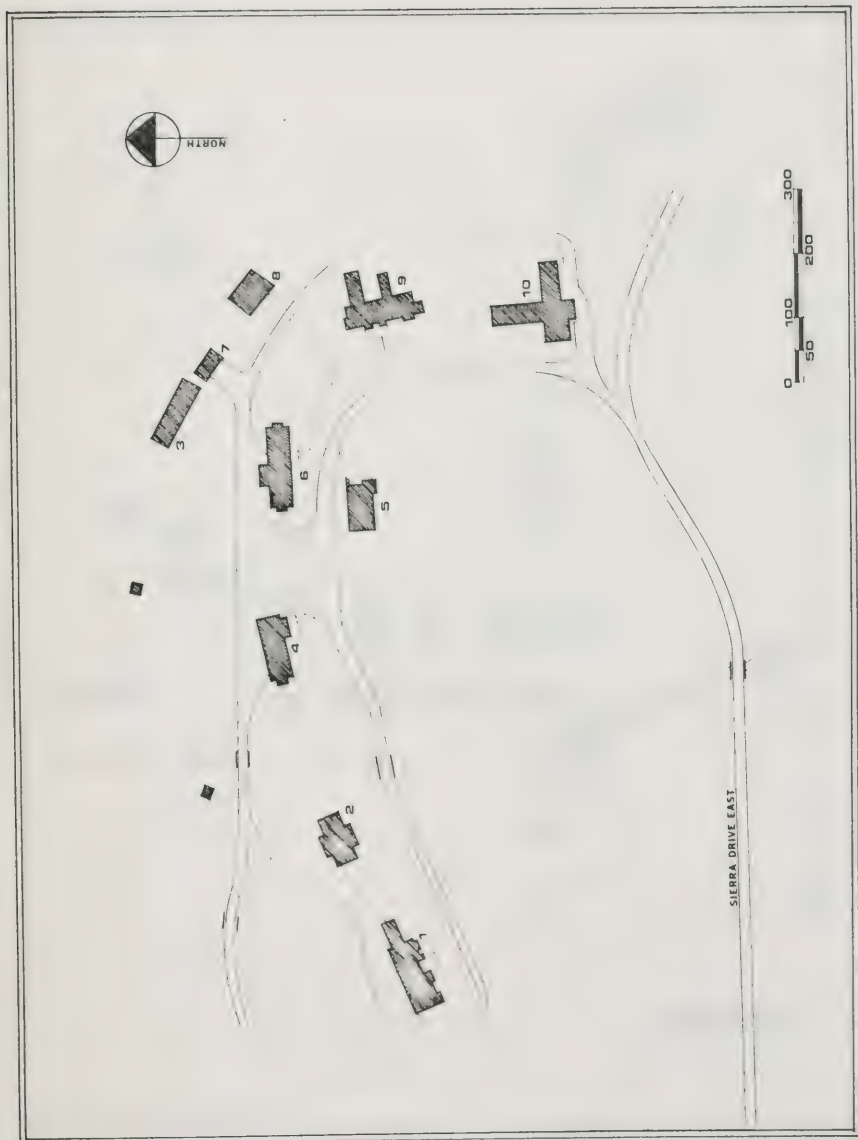
**MONTANA VETERANS HOME**  
COLUMBIA FALLS MONTANA



# LEGEND

## MOUNTAIN VIEW SCHOOL

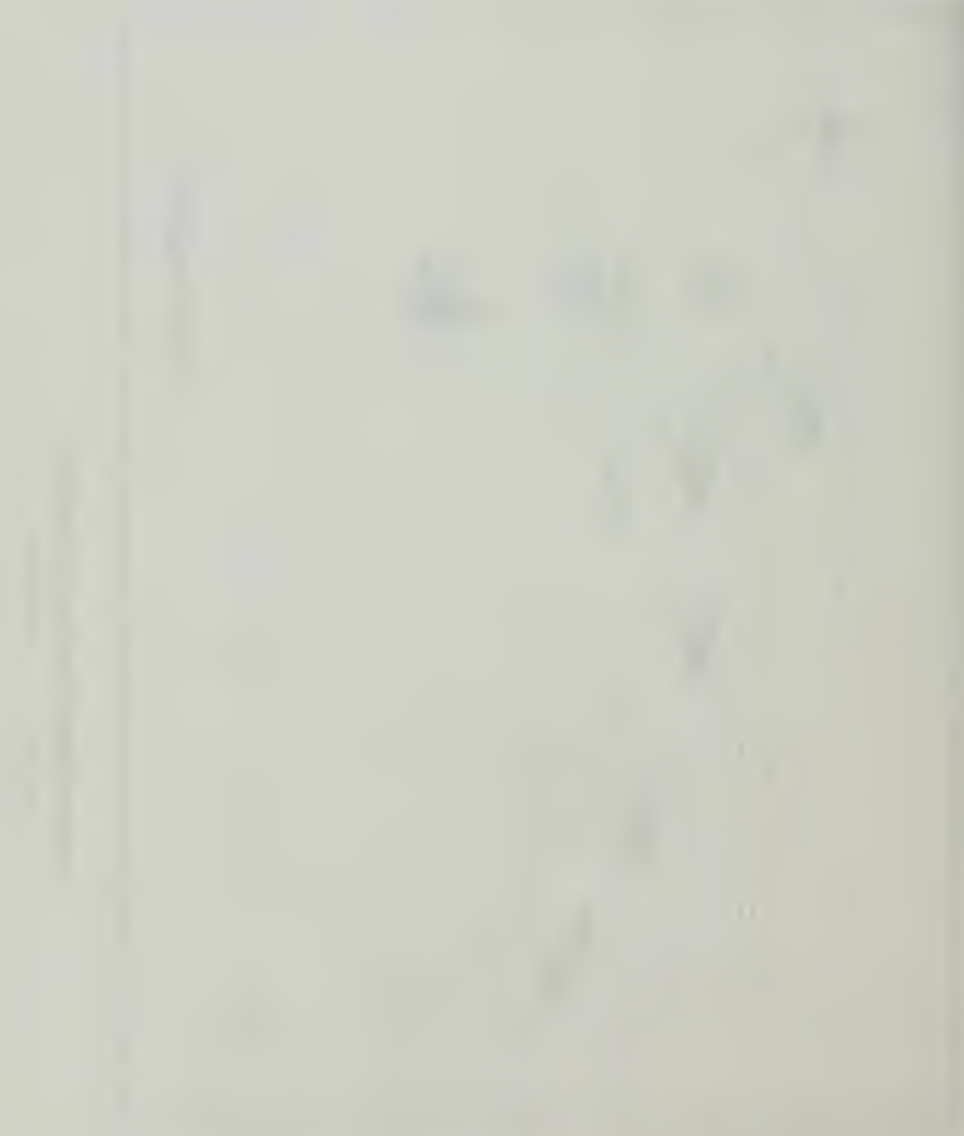
1. Spruce
2. Aspen
3. Shop
4. Gymnasium
5. Kitchen-Dining
6. School
7. Garage
8. Clinic
9. Cafeteria
10. Cottonwood/ Administration



## MOUNTAIN VIEW SCHOOL

HELENA MONTANA

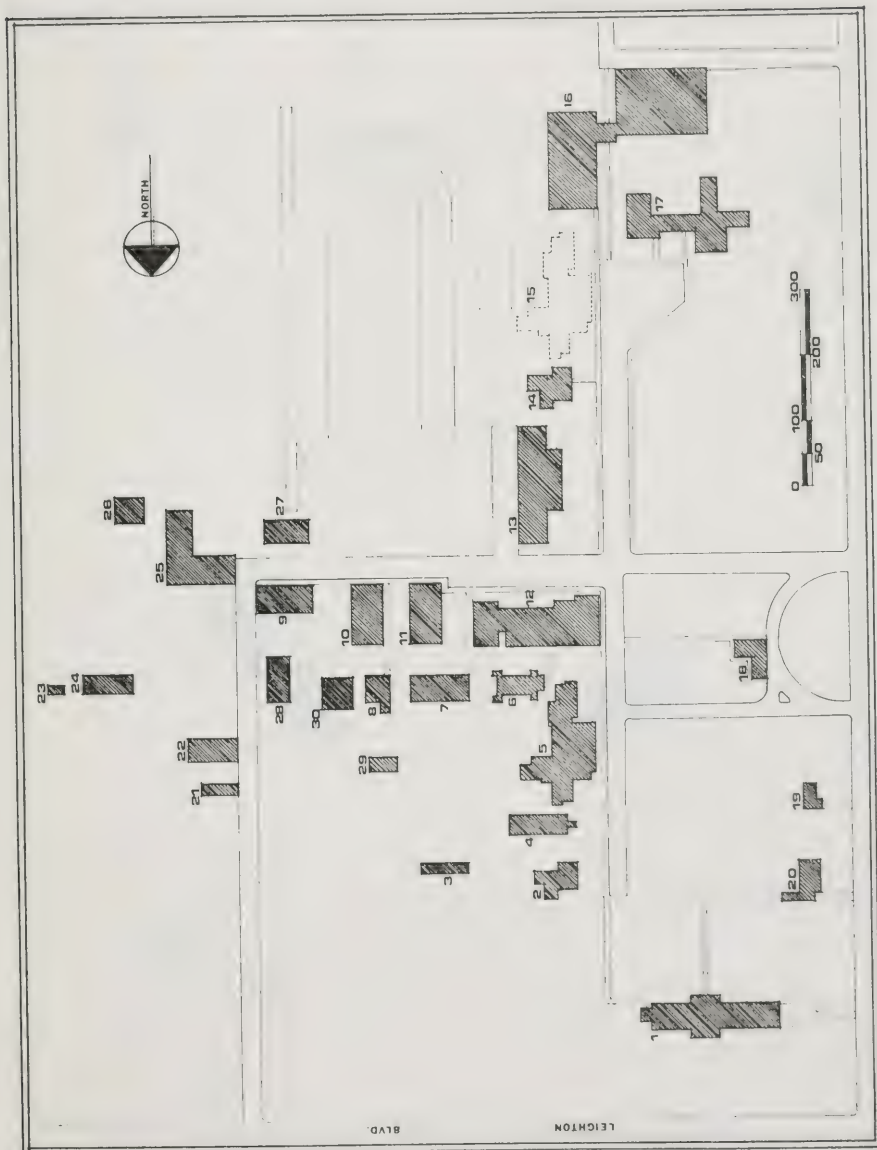
100



# LEGEND

## PINE HILLS SCHOOL

1. Quater Lodge
2. Quater Lodge
3. Lumber Storage
4. Lewis & Clark Lodge
5. New Cottage
6. Chapel
7. Laundry
8. Boiler House
9. Farm Shop
10. Shop
11. Shop
12. Administration
13. Vocational Education
14. Joseph Lodge
15. New Cottage
16. School/Gym
17. Russel Lodge
18. Superintendent's Residence
19. Staff Residence
20. Assistant Superintendent's Residence
21. Chicken house
22. Chicken house
23. Bull barn
24. Loading Shed
25. Dairy Barn
26. Old Root Cellar - Abandoned
27. Root Cellar
28. Root Cellar
29. Old Electric-Plumbing Shop
30. Slaughter House & Granary



PINE HILLS SCHOOL  
MILES CITY MONTANA

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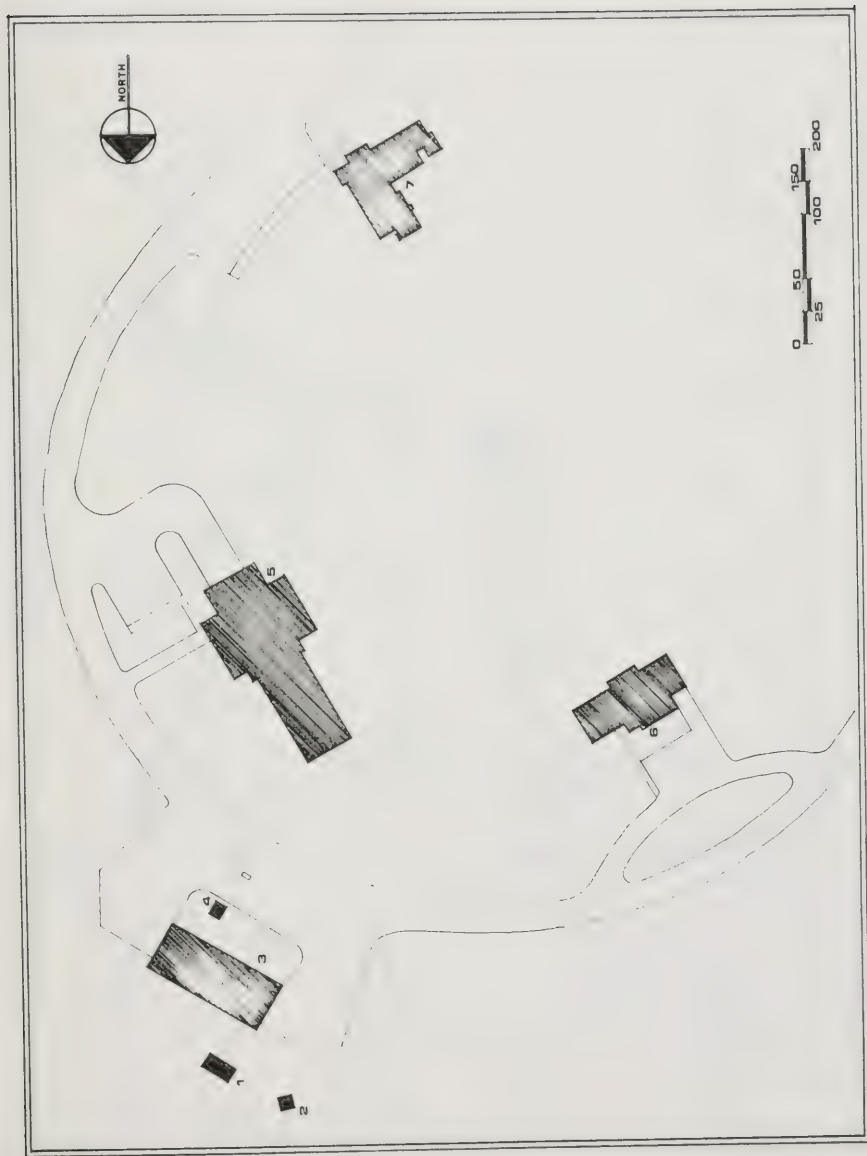


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## LEGEND

### SWAN RIVER YOUTH FOREST CAMP

1. Emergency Generator
2. Well House
3. Medical Shop
4. Gas House (Pump)
5. Lodge
6. Food Service
7. Administration Building



## SWAN RIVER YOUTH FOREST CAMP

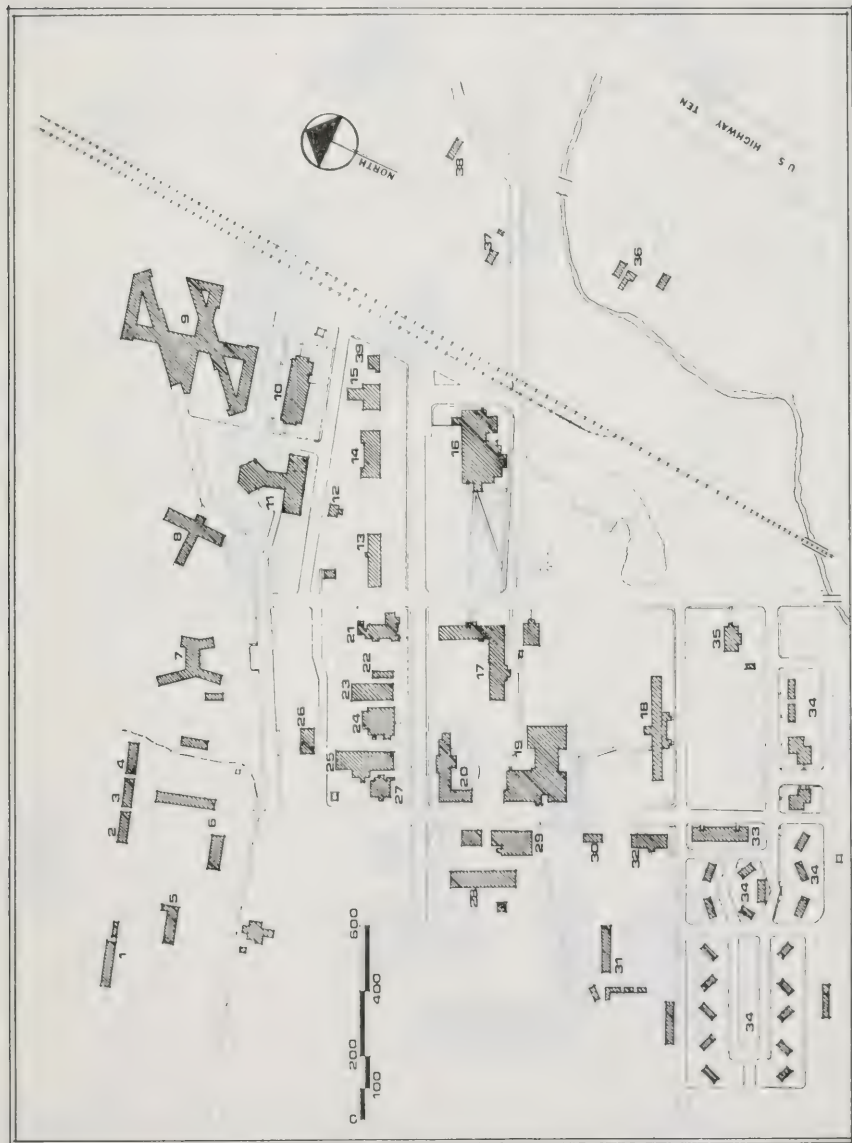
SWAN LAKE MONTANA



# LEGEND

## WARM SPRINGS

1. Warehouse
2. Plumbing Shop
3. Paint Shop
4. Paint Shop
5. Lumber Storage
6. Maintenance Shop
7. Maximum Security
8. Men's Dormitory
9. Receiving Hospital
10. Intake Unit
11. X-Ray Lab
12. X-Ray Lab Storage
13. Old General Hospital
14. Pharmacy and Storage
15. Administrative Annex
16. Administration Building
17. Bolton Building
18. Children's Unit
19. Kitchen & Food Service
20. Ward
21. Residence
22. Fire Station
23. Garage
24. Trade School and Mechanical Repair
25. Laundry
26. Plant
27. Linen Supply
28. Warehouse
29. Commissary
30. Patient Employment
31. Greenhouse
32. Unit #85 - #86
33. Student Nurses' Residence
34. Staff Housing
35. Residence
36. Residence Garage
37. Residence



## WARM SPRINGS STATE HOSPITAL

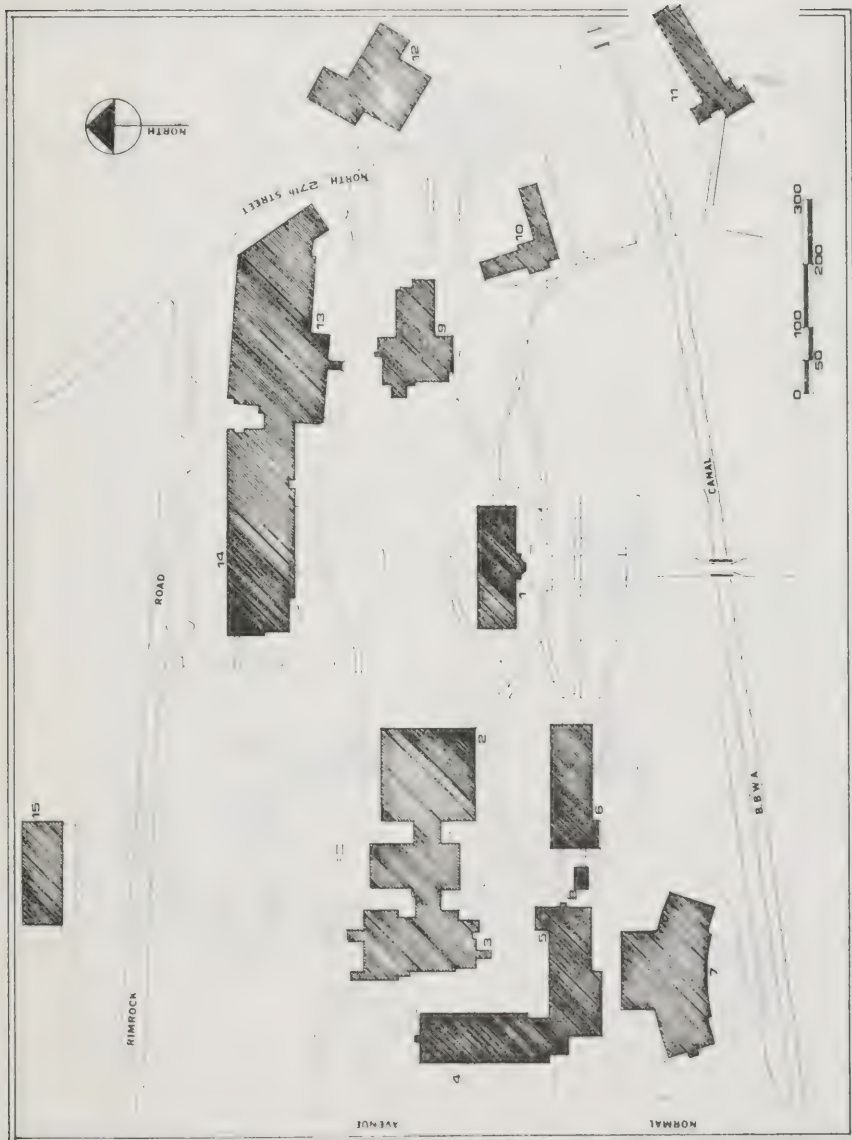
WARM SPRINGS MONTANA



# LEGEND

## EASTERN MONTANA COLLEGE

1. McMullen Hall/ Administration
2. Library
3. Liberal Arts Building
4. Campus School
5. Education Building
6. Science Building
7. Special Education Building
8. Gymnasium
9. Cafeteria
10. Music Hall
11. Clisel Hall
12. Apsarukwe Hall
13. P.E. Building
14. Student Union Building/Rimrock
15. Petro Hall
16. Physical Plant
17. Art Annex



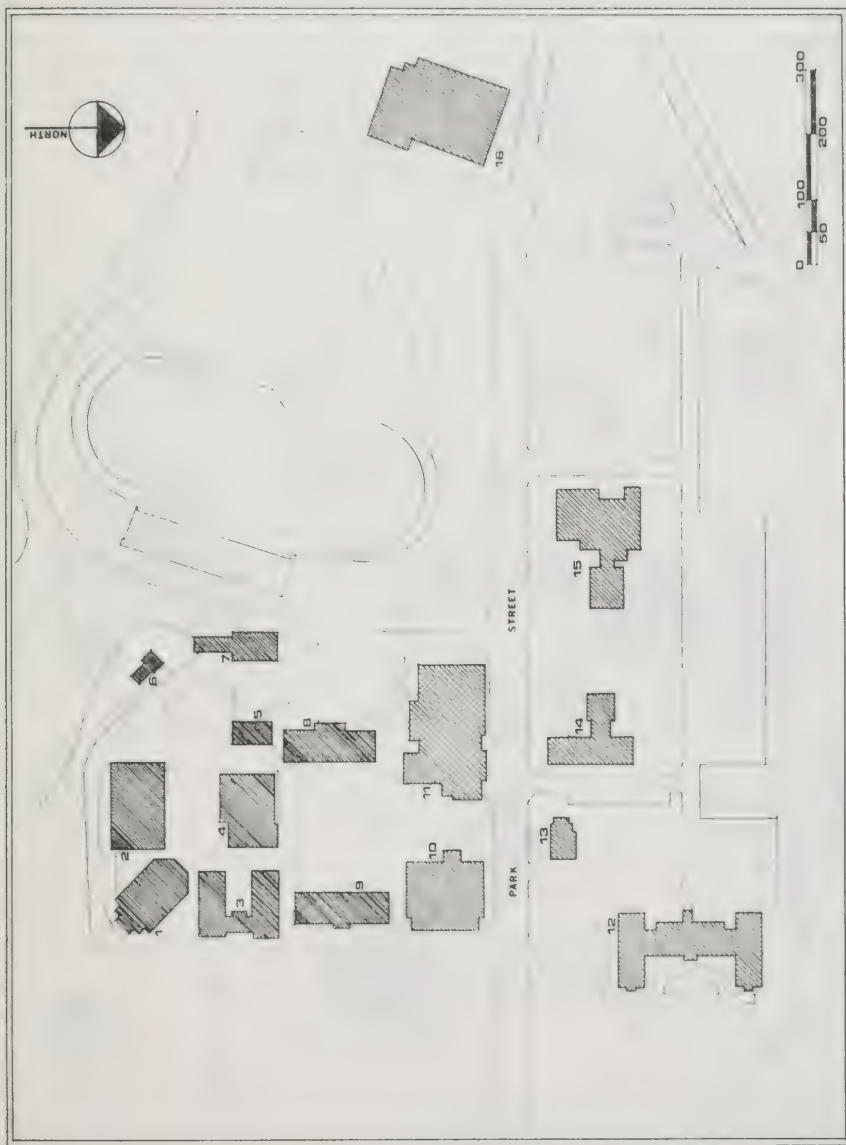
## EASTERN MONTANA COLLEGE BILLINGS MONTANA



# LEGEND

## MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY

1. Museum
2. Library
3. Main Hall
4. Mill Building
5. Shop
6. Greenhouse
7. Boiler Plant
8. Petroleum
9. Engineering
10. Gymnasium
11. Student Union
12. Dorm
13. President's House
14. Classroom/Office Building
15. Library/Auditorium
16. H.S.P.E.



MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY  
BUTTE MONTANA

1894

1	Jan 1	1894	1894
2	Jan 2	1894	1894
3	Jan 3	1894	1894
4	Jan 4	1894	1894
5	Jan 5	1894	1894
6	Jan 6	1894	1894
7	Jan 7	1894	1894
8	Jan 8	1894	1894
9	Jan 9	1894	1894
10	Jan 10	1894	1894
11	Jan 11	1894	1894
12	Jan 12	1894	1894
13	Jan 13	1894	1894
14	Jan 14	1894	1894
15	Jan 15	1894	1894
16	Jan 16	1894	1894
17	Jan 17	1894	1894
18	Jan 18	1894	1894
19	Jan 19	1894	1894
20	Jan 20	1894	1894
21	Jan 21	1894	1894
22	Jan 22	1894	1894
23	Jan 23	1894	1894
24	Jan 24	1894	1894
25	Jan 25	1894	1894
26	Jan 26	1894	1894
27	Jan 27	1894	1894
28	Jan 28	1894	1894
29	Jan 29	1894	1894
30	Jan 30	1894	1894
31	Jan 31	1894	1894

1894

# LEGEND

## MONTANA STATE UNIVERSITY

1. Raskie Hall
2. Hedges Food Center
3. Hedges Food Center
4. Hedges North
5. McGill Hall
6. Howard Hall
7. Cheever Hall
8. Haynes Hall
9. Inspectory
10. Hedges East
11. Sherrick Hall
12. Cooley Lab/Lewis Hall
13. Extension Building
14. Linfield Hall
15. Geline Hall
16. Hedges Hall
17. Reid Hall
18. Johnson Hall
19. Johnson Hall
20. Romney Gym
21. Renne Library
22. Montana Hall
23. AJM Johnson Hall
24. Strand Student Union
25. Wilson Hall
26. Wilson Hall
27. Pryor Hall
28. Collier Hall
29. Mullen Hall
30. Culbertson Hall
31. Langford Hall
32. Wool Lab
33. Hedges
34. Hedges
35. H & P.E.
36. Forestry Science Lab
37. Heating Plant
38. Ryon Lab
39. Ryon Lab
40. Ryon Chapel
41. Bobcat Cage
42. Herrick Hall
43. Hedges Hall
44. Quadrangle
45. Hedges Hall
46. Service Shop & Auto Repair Shop
47. Auto Repair Shop
48. Cobleigh Hall



MONTANA STATE UNIVERSITY  
BOZEMAN MONTANA



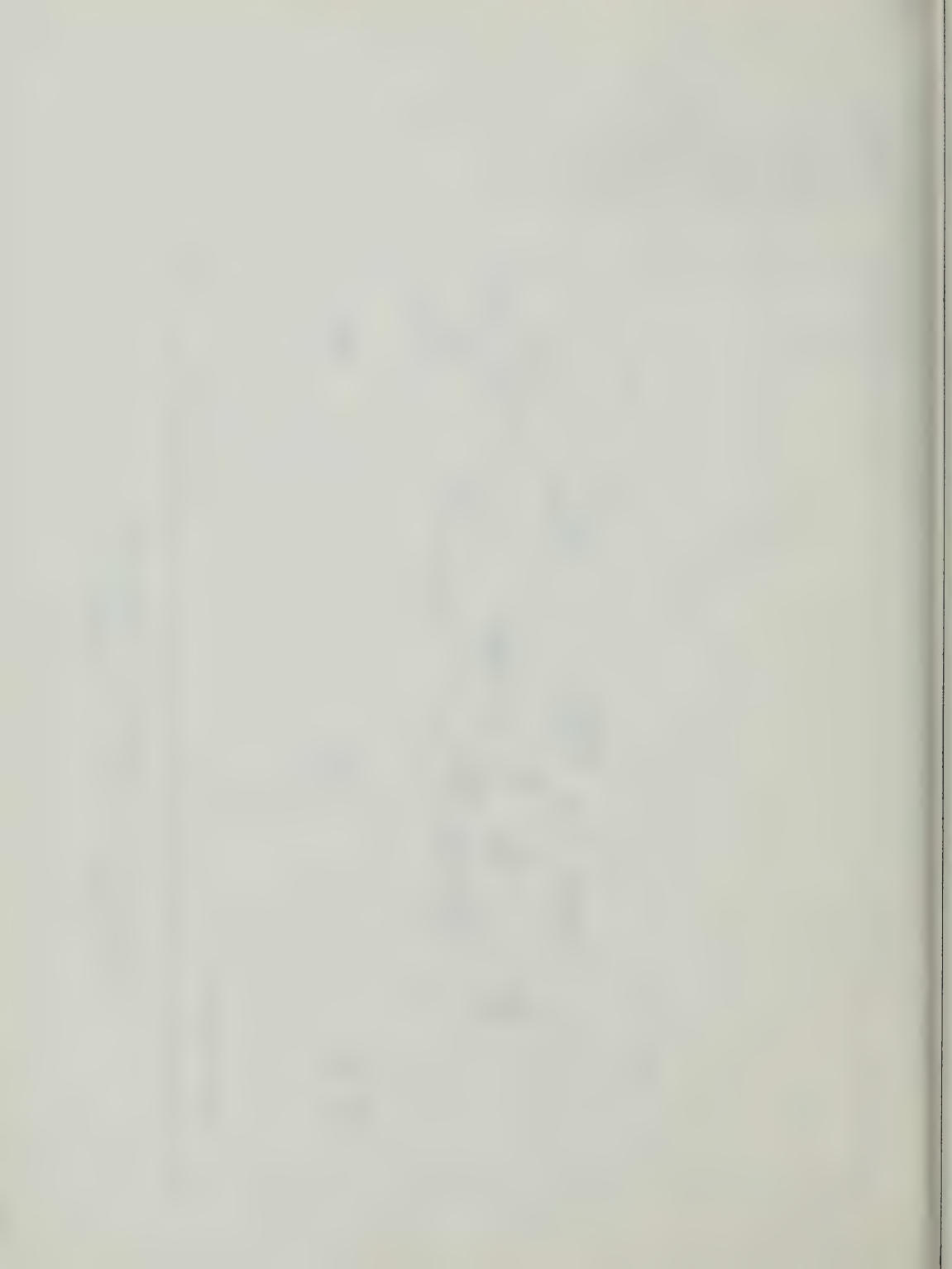
# LEGEND

## NORTHERN MONTANA COLLEGE

1. Garage
2. Physical Plant
3. Athletic Field
4. Math-Science Building
5. Dining Hall
6. Library
7. Armory-Gym
8. Donaldson
9. Student Union/Food Center Hall
10. Refreshing Hall
11. Recreation Center
12. Electronics Building
13. Auto Mechanics
14. Mechanic's Annex
15. Metals Technology
16. Mackenzie Hall
17. Morgan Hall
18. Residences
19. Married Student Housing
20. Storage



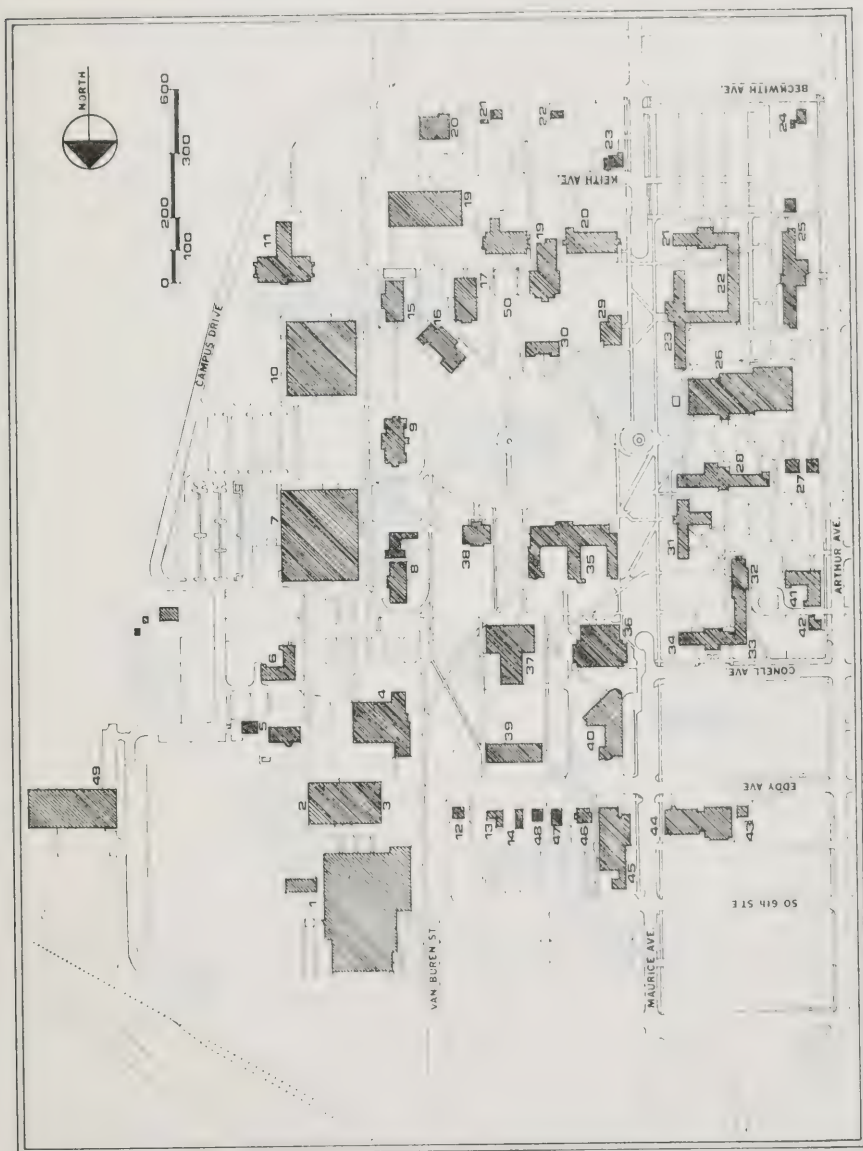
## NORTHERN MONTANA COLLEGE HAYRE MONTANA



# LEGEND

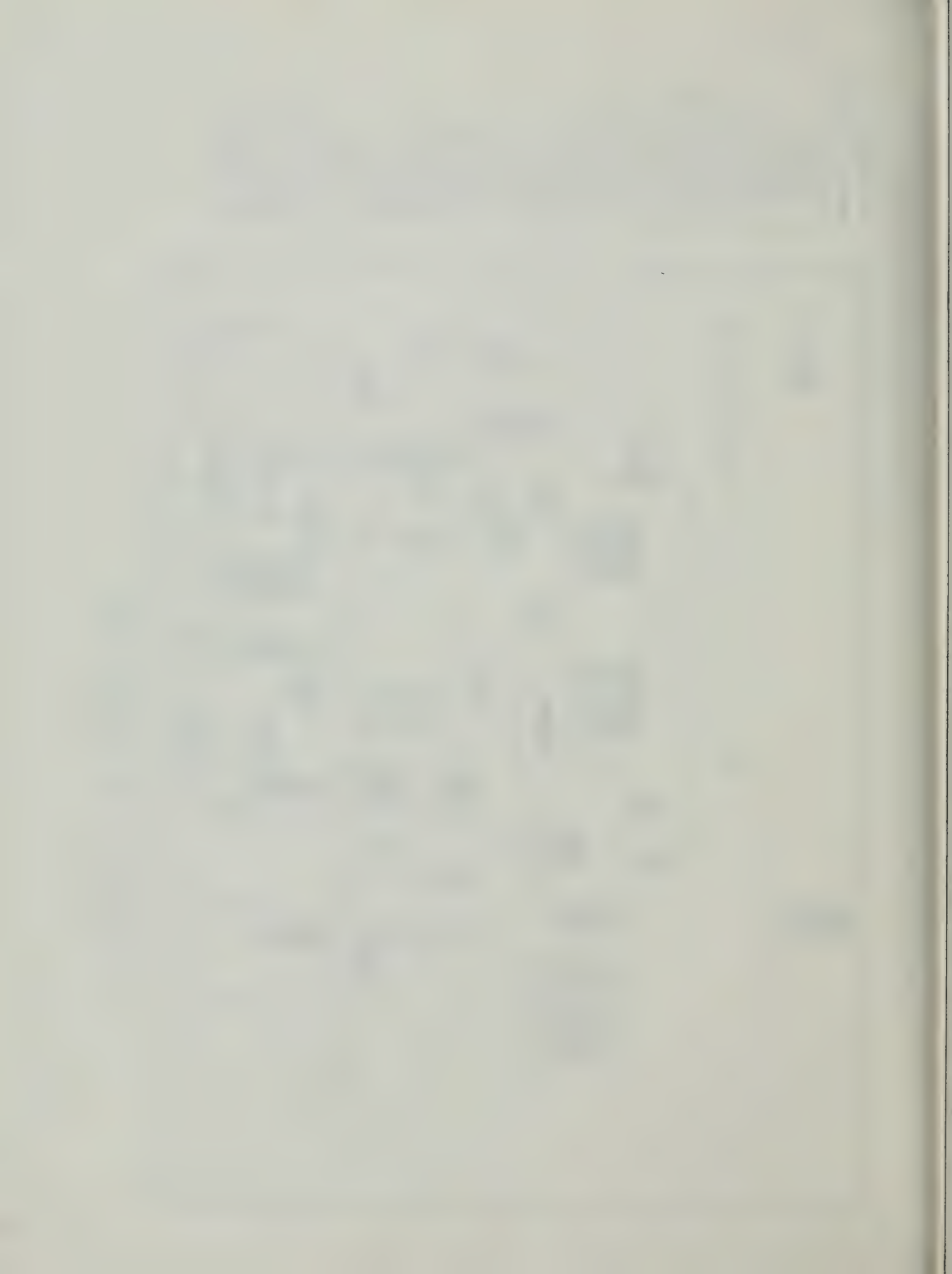
## UNIVERSITY OF MONTANA

1. Field House
2. Swimming Pool
3. Art Annex
4. Women's Center
5. Heating Plant
6. Aber Hall
7. University Center
8. Boley
9. University Hall
10. Mansfield Library
11. Men's Gym
12. 770 Eddy Avenue
13. 758 Eddy Avenue
14. 750 Eddy Avenue
15. Corbin Hall
16. Vulture Center
17. Journalism
18. Chemistry-Pharmacy Building
19. Science Building
20. Health Science
21. Elrod Hall
22. Craig Hall
23. 600 East Beckwith
24. 600 East Beckwith
25. Miller Hall
26. Lodge
27. 600 University Avenue
28. Ketchum Hall
29. Alumni Hall
30. Mathematics
31. Turner Hall
32. Corbin Hall
33. North Corbin Hall
34. Brantly Hall
35. Liberal Arts
36. Fine Arts
37. Social Science
38. Psychology
39. Business Administration
40. Music
41. Jesse Hall
42. 100 Andy Avenue
43. 100 Andy Avenue
44. Health Service
45. Law
46. 724 Eddy Avenue
47. Building #32
48. 730 Eddy Avenue
49. 740 Eddy Avenue
50. Underground
51. Lecture Hall



UNIVERSITY OF MONTANA

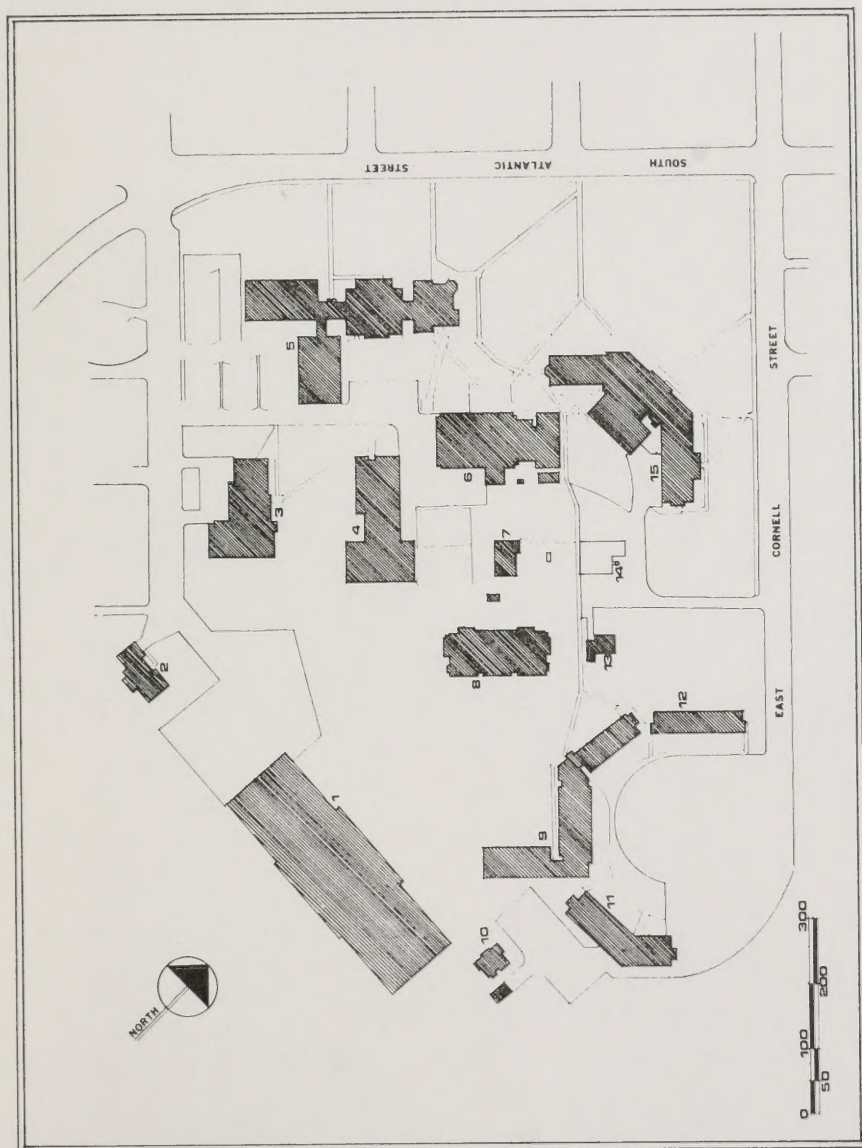
MISSOULA MONTANA



# LEGEND

## WESTERN MONTANA COLLEGE

1. Physical Education Building
2. Residence
3. Student Union
4. Library
5. Cafeteria
6. Classroom/Office Building
7. Art & Crafts/Pool
8. Residence
9. Men's Dorm
10. Men's Dorm
11. Men's Dorm
12. Residence
13. Residence
14. Men's Dorm
15. Women's Dorm



## WESTERN MONTANA COLLEGE DILLON MONTANA



